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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 01:45:06 ; Search time 30.5818 Seconds
(without alignments)
4373.292 Million cell updates/sec

Title: US-09-717-095-1_COPY_389_629

Perfect score: 241

Sequence: 1 TCCATGCTGCTGACCTTCTA.....GGATTCACTCAGGAAGACA 241

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA: *

- 1: /cgn2_6/ptodata/2/ina/5A COMB.seq: *
- 2: /cgn2_6/ptodata/2/ina/5B COMB.seq: *
- 3: /cgn2_6/ptodata/2/ina/6A COMB.seq: *
- 4: /cgn2_6/ptodata/2/ina/6B COMB.seq: *
- 5: /cgn2_6/ptodata/2/ina/PCTUS COMB.seq: *
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	241	100.0	558	1	US-08-909-725-4	Sequence 4, Appli
2	241	100.0	747	2	US-08-709-662-1	Sequence 1, Appli
3	221	91.7	586	3	US-09-146-969-3	Sequence 3, Appli
4	176.6	73.3	747	2	US-08-401-530A-1	Sequence 1, Appli
5	97.8	40.6	762	2	US-08-822-261-2	Sequence 2, Appli
6	97.8	40.6	762	4	US-09-226-852-2	Sequence 2, Appli
7	88.8	36.8	610	3	US-09-385-982-229	Sequence 229, App
8	88.2	36.6	797	2	US-08-464-637-1	Sequence 1, Appli
9	88.2	36.6	797	2	US-08-822-261-5	Sequence 5, Appli
10	88.2	36.6	797	4	US-09-226-852-5	Sequence 5, Appli
11	78.8	32.7	798	1	US-07-778-156-12	Sequence 12, Appli
12	78.8	32.7	798	2	US-08-822-261-6	Sequence 6, Appli
13	78.8	32.7	798	2	US-08-422-166-12	Sequence 12, Appli
14	78.8	32.7	798	3	US-09-146-969-2	Sequence 2, Appli
15	78.8	32.7	798	4	US-09-226-852-6	Sequence 6, Appli
16	71	29.5	793	1	US-07-778-156-1	Sequence 1, Appli
17	71	29.5	793	2	US-08-422-166-1	Sequence 1, Appli
18	62.2	25.8	622	3	US-09-385-982-224	Sequence 224, App
19	54	22.4	522	1	US-07-778-156-4	Sequence 4, Appli
20	54	22.4	522	2	US-08-422-166-4	Sequence 4, Appli
21	52.6	21.8	474	1	US-07-778-156-8	Sequence 8, Appli
22	52.6	21.8	474	2	US-08-422-166-8	Sequence 8, Appli
23	48.6	20.2	590	2	US-08-454-557C-32	Sequence 32, Appli
24	48.6	20.2	590	2	US-08-340-426D-32	Sequence 32, Appli
25	48.6	20.2	590	2	US-08-450-673C-32	Sequence 32, Appli
26	48.6	20.2	590	5	PCT-US95-17111A-32	Sequence 32, Appli
27	47	19.5	777	3	US-09-146-969-1	Sequence 1, Appli

28	38.8	16.1	260	2	US-08-454-557C-88	Sequence 88, Appli
29	38.8	16.1	260	2	US-08-340-426D-88	Sequence 88, Appli
30	38.8	16.1	260	2	US-08-450-673C-88	Sequence 88, Appli
31	38.8	16.1	260	5	PCT-US95-17111A-88	Sequence 88, Appli
32	36.6	15.2	5717	4	US-09-023-655-1333	Sequence 1333, Ap
33	33.4	13.9	234	1	US-07-778-156-6	Sequence 6, Appli
34	33.4	13.9	234	2	US-08-422-166-6	Sequence 6, Appli
35	32.6	13.5	1001	4	US-09-641-638-387	Sequence 387, App
36	32.6	13.5	1001	4	US-09-641-638-388	Sequence 388, App
37	32.6	13.5	1001	4	US-09-641-638-389	Sequence 389, App
38	32.4	13.4	3411	3	US-09-146-969-4	Sequence 4, Appli
39	32	13.3	864	3	US-08-953-326-12	Sequence 12, Appli
40	32	13.3	864	4	US-09-314-701-33	Sequence 33, Appli
41	32	13.3	864	4	US-09-553-662-12	Sequence 12, Appli
42	32	13.3	864	4	US-10-062-994-12	Sequence 12, Appli
43	31.4	13.0	2310	4	US-09-134-000C-1714	Sequence 1714, Ap
44	31.4	13.0	6306	4	US-10-204-708-49	Sequence 49, Appli
45	30.8	12.8	3956	4	US-09-402-266B-21	Sequence 21, Appli

ALIGNMENTS

RESULT 1
US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: INGP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-909-725-4
Query Match 100.0%; Score 241; DB 1; Length 558;
Best Local Similarity 100.0%; Pred. No. 3.8e-68;

Matches 241; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCCAATGTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
 Db 306 TCCAATGTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 365

QY 61 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTGTGAA 120
 Db 366 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTGTGAA 425

QY 121 AATGAGCTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTG 180
 Db 426 AATGAGCTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTG 485

QY 181 AAAATATTATGAAGCTCACATGACCAAGGAAAGTATGAGGATTCACCTCAGGAAGAGC 240
 Db 486 AAAATATTATGAAGCTCACATGACCAAGGAAAGTATGAGGATTCACCTCAGGAAGAGC 545

QY 241 A 241
 Db 546 A 546

RESULT 2
 US-08-709-662-1
 ; Sequence 1, Application US/08709662
 ; Patent No. 5840531
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.
 ; APPLICANT: Rafaeloff, Ronit
 ; APPLICANT: Rosenberg, Lawrence
 ; APPLICANT: Duguid, William P.
 ; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC
 ; TITLE OF INVENTION: ISLET NEOGENESIS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Banner & Witcoff, Ltd.
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: US
 ; ZIP: 20001-4597
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08709,662
 ; FILING DATE: 09-SEP-1996
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A.
 ; REGISTRATION NUMBER: 32,141
 ; REFERENCE/DOCKET NUMBER: 00570.59178
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 747 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHEetical: NO
 ; ANTI-SENSE: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Cricetus
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 20..541

US-08-709-662-1

Query Match 100.0%; Score 241; DB 2; Length 747;
 Best Local Similarity 100.0%; Pred. No. 4.3e-68;
 Matches 241; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCCAATGTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
 Db 389 TCCAATGTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 448

QY 61 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTGTGAA 120
 Db 449 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTGTGAA 508

QY 121 AATGAGCTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTG 180
 Db 509 AATGAGCTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTG 568

QY 181 AAAATATTATGAAGCTCACATGACCAAGGAAAGTATGAGGATTCACCTCAGGAAGAGC 240
 Db 569 AAAATATTATGAAGCTCACATGACCAAGGAAAGTATGAGGATTCACCTCAGGAAGAGC 628

QY 241 A 241
 Db 629 A 629

RESULT 3
 US-09-146-969-3
 ; Sequence 3, Application US/09146969
 ; Patent No. 6228585
 ; GENERAL INFORMATION:
 ; APPLICANT: Dieckgraefe, Brian K.
 ; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
 ; FILE REFERENCE: 04255.75314
 ; CURRENT APPLICATION NUMBER: US/09/146,969
 ; CURRENT FILING DATE: 1998-09-04
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: Patent in Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 586
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; ORGANISM: Homo sapiens
 ; US-09-146-969-3

Query Match 91.7%; Score 221; DB 3; Length 586;
 Best Local Similarity 100.0%; Pred. No. 1.1e-61;
 Matches 221; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TCCAATGTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
 Db 366 TCCAATGTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 425

QY 61 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTGTGAA 120
 Db 426 TATTGTGCAAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTGTGAA 485

QY 121 AATGAGCTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTG 180
 Db 486 AATGAGCTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTG 545

QY 181 AAAATATTATGAAGCTCACATGACCAAGGAAAGTATGAGGATTCACCTCAGGAAGAGC 221
 Db 546 AAAATATTATGAAGCTCACATGACCAAGGAAAGTATGAGGATTCACCTCAGGAAGAGC 586

RESULT 4
 US-08-401-530A-1
 ; Sequence 1, Application US/08401530A
 ; Patent No. 5834590
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.

APPLICANT: Rafaeloff, Ronit
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,530A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570.48743
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 747 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Cricetulus
FEATURE:
NAME/KEY: CDS
LOCATION: 20..541
US-08-401-530A-1

Query Match 73.3%; Score 176.6; DB 2; Length 747;
Best Local Similarity 97.8%; Pred. No. 2.2e-47;
Matches 179; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 1 TCCATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
Db 389 TCCATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 448
Qy 61 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGTGAA 120
Db 449 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGTGAA 508
Qy 121 AATGAGCTTCCCTATCTGCAAAATTCAGGTTCTAGGCGAGTTCTAATTTCACAGCTTG 180
Db 509 AATGAGCTTCCCTATCTGCAAAATTCAGGTTCTAGGCGAGTTCTAATTTCACAGAGAG 568
Qy 181 AAA 183
Db 569 CAA 571

RESULT 5
US-08-822-261-2
Sequence 2, Application US/08822261
Patent No. 5935813
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
ADDRESSEE: Goli, Surya K.

TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,261
FILING DATE: Filed Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 762 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: ISL/TNOT01
CLONE: 2072483
US-08-822-261-2

Query Match 40.6%; Score 97.8; DB 2; Length 762;
Best Local Similarity 63.3%; Pred. No. 5e-22;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;
Qy 5 ATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTATT 64
Db 490 ATGTGATGAATTACTTTGCATGGGAGAAATATCCCTCCACCATCTTAACCCCTGGCCACT 549
Qy 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGTGAAAATG 124
Db 550 GTGGAGCGCTGTCAAGAGACACAGATTTCTGAAGTGGAAAGATTTAATCTGTATGCAA 609
Qy 125 AGCTTCCCTATATCTGCAAAATTCAGGTTCTAGGCGAGTTCTTAATTTCACAGCTTGAAA 184
Db 610 AGTTACCTATGTCTGCAAGTTCAAGGACTAGGCGAGGTGGGAGGTGAGCGCTCAGCT 669
Qy 185 TATTATGAAGCTCATGTCAGCAAGCAAGCAAGCAAGTATGAGATTCATCTCAGGAGAGCA 241
Db 670 TGGCGTGCAGCTCATGTCAGTGCATGAGACATGAGACCGATGTGAAGACTCACCTGGAAGAGAA 726

RESULT 6
US-09-226-852-2
Sequence 2, Application US/09226852
Patent No. 6492499
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
TITLE OF INVENTION: PROTEIN
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 FILING DATE: US/09/226,852
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/822,261
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0251 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-845-4166
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 762 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: ISLNOT01
 CLONE: 2072483
 US-09-226-852-2

Query Match 40.6%; Score 97.8; DB 4; Length 762;
 Best Local Similarity 63.3%; Pred. No. 5e-22;
 Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATACCTGGAGAGGAAACCCCTCTATTGCTGCGACCGTGGTTATT 64
 DB 490 ATGTGAGTAATTACTTTGCAATGGAGAAATCCCTCCACATCTTAACCCCTGGCCACT 549

QY 65 GTGCAGTTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAATGTGAAAATG 124
 DB 550 GTGGAGCCCTGTCAAGAGACACAGGATTTCTGAAGTGGAAAGATTATACTGTATGCAA 609

QY 125 AGCTTCCCTATATCTGAAATTCAGGTTAGGCTAGGCGAGTTCTAATTTCAACAGCTTGA 184
 DB 610 AGTTACCTATGCTGCAAGTTCAAGGACTAGGCGAGGTGGAGGAGCTCAGCT 669

QY 185 TATTATGAAGCTCACATGGAAGCAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 241
 DB 670 TGGGTGCAAGCTCATCATGACATGAGACCAAGTGTGAAGACTCACCTTGAAGAGAA 726

RESULT 7
 US-09-385-982-229/c
 Sequence 229, Application US/09385982
 Patent No. 6262334
 GENERAL INFORMATION:
 APPLICANT: ENDEGE, WILSON O., ET AL.
 TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
 TITLE OF INVENTION: PRODUCTS: II
 FILE REFERENCE: CCDNA-260XX
 CURRENT APPLICATION NUMBER: US/09/385,982
 CURRENT FILING DATE: 1999-08-30
 EARLIER APPLICATION NUMBER: 09/328,111
 EARLIER FILING DATE: 1999-06-08
 EARLIER APPLICATION NUMBER: 60/117,393
 EARLIER FILING DATE: 1999-01-27
 EARLIER APPLICATION NUMBER: 60/098,639
 EARLIER FILING DATE: 1998-08-31

NUMBER OF SEQ ID NOS: 544
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 229
 LENGTH: 610
 TYPE: DNA
 ORGANISM: Homo sapiens
 NAME/KEY: misc.feature
 LOCATION: (1)...(610)
 OTHER INFORMATION: n = A,T,C or G
 US-09-385-982-229

Query Match 36.8%; Score 88.8; DB 3; Length 610;
 Best Local Similarity 60.8%; Pred. No. 3.6e-19;
 Matches 144; Conservative 0; Mismatches 93; Indels 0; Gaps 0;

QY 5 ATGTGCTGACCTTCTATACCTGGAGAGGAAACCCCTCTATTGCTGCGACCGTGGTTATT 64
 DB 401 ATGTGAGTAATTACTTTGCAATGGAGAGAAATCCCTCCACATNTCAAGCCCGGCCACT 342

QY 65 GTGCAGTTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAAATGTGAAAATG 124
 DB 341 GTGGAGCCCTGTGGAAGACACAGCATTCTGAGGTGGAAAGATTATACTGTAAATGTA 282

QY 125 AGCTTCCCTATATCTGAAATTCAGGTTAGGCTAGGCGAGTTCTAATTTCAACAGCTTGA 184
 DB 281 GGTACCTATGCTGCAAGTTCACTGACTAGTGCAGGAGGGAAGTCAGCAGCTGTGTT 222

QY 185 TATTATGAAGCTCACATGGAAGCAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 241
 DB 221 TGGGTGCAAGCTCATCATGCGCATGAGACCAAGTGTGAGGACTCACCTTGAAGAGAA 165

RESULT 8

US-08-464-637-1
 Sequence 1, Application US/08464637
 Patent No. 5834214
 GENERAL INFORMATION:
 APPLICANT: Iovanna, Juan-Lucio
 APPLICANT: Dagorn, Jean-Charles
 APPLICANT: Keim, Volker
 APPLICANT: Sales, Jacques
 TITLE OF INVENTION: Detection of Pancreatitis-Associated
 TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
 TITLE OF INVENTION: Disease (as amended).
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
 STREET: P.O. Box 747
 CITY: Falls Church
 STATE: Virginia
 COUNTRY: USA
 ZIP: 22040-3487
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/464,637
 FILING DATE: 30-AUG-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Murphy Jr., Gerald M.
 REGISTRATION NUMBER: 28,977
 REFERENCE/DOCKET NUMBER: 2121-107P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-205-8000
 TELEFAX: 703-205-8050
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 797 base pairs
 TYPE: nucleic acid


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; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
US-09-226-852-5
Query Match 36.6%; Score 88.2; DB 4; Length 797;
Best Local Similarity 60.8%; Pred. No. 6.2e-19; Indels 0; Gaps 0;
Matches 144; Conservative 0; Mismatches 93;
QY 5 ATGTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
Db 419 ATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATTCTCAAGCCCGGCCACT 478
QY 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTGGAATG 124
Db 479 GTGCAGCCTGTGCGAAGCACAGCATTTCTGAGGTGGAAAGATTATAACTGTAATGTGA 538
QY 125 AGCTTCCCTATATCTCAAAATCAAGTCTTAGGCGAGTTCTTAATTTCAACAGCTTGAAA 184
Db 539 GGTACCTTATGTCGAAAGTTCACTGACTAGTGAGGAGGGAAGTCAGCAGCCTGTGTT 598
QY 185 TATTATGAAGCTCACATGAGCAAGGAGCAAGATGATGAGGATTCATCAGGAAGAGCA 241
Db 599 TGGTGTGCAACTCATCATGCGCATGAGACCAAGTGTGAGGACTCACCCCTGGAAGAGAA 655

RESULT 11
US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man P.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas

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US-07-778-156-12

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Query Match 32.7%; Score 78.8; DB 1; Length 798;
Best Local Similarity 60.9%; Pred. No. 6.5e-16;
Matches 145; Conservative 0; Mismatches 92; Indels 1; Gaps 1;
QY 5 ATGTGCTGACCTTCTATAACTGGGAGAGAAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
Db 419 ATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATTCTCAAGCCCGGCCACT 478
QY 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTGGAATG 124
Db 479 GTGCAGCCTGTGCGAAGCACAGCATTTCTGAGGTGGAAAGATTATAACTGTAATGTGA 538
QY 125 AGCTTCCCTATATCTCAAA-TTCAAGTCTTAGGGCAGTTCTTAATTTCAACAGCTTGAAA 183
Db 539 GGTACCTTATGTCGAAAGTTCACTGACTAGTGAGGAGGGAAGTCAGCAGCCTGTGTT 598
QY 184 ATATTATGAAGTTCATCGGACAAAGCAAGATGATGAGGATTCATCAGGAAGAGCA 241
Db 599 TTGGTGTGCAACTCATCATGCGCATGAGACCAAGTGTGAGGACTCACCCCTGGAAGAGAA 656

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RESULT 12

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US-08-822-261-6
; Sequence 6, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
; US-08-822-261-6

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Query Match 32.7%; Score 78.8; DB 2; Length 798;
Best Local Similarity 60.9%; Pred. No. 6.5e-16;
Matches 145; Conservative 0; Mismatches 92; Indels 1; Gaps 1;

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 02:55:42 ; Search time 172.143 Seconds
(without alignment)
6864.396 Million cell updates/sec

Title: US-09-717-095-1_COPY_389_629

Perfect score: 241

Sequence: 1 TCCATGTGCTGACCTTCTA.....GGATTCACGAGAGCA 241

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 6445838

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

- 1: /cgn2_6/ptodata/1/pubna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/1/pubna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/1/pubna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/1/pubna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/1/pubna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/1/pubna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/1/pubna/US08_NEW_PUB.seq.*
- 8: /cgn2_6/ptodata/1/pubna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/1/pubna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/1/pubna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/1/pubna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/1/pubna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/1/pubna/US09_NEW_PUB.seq.*
- 14: /cgn2_6/ptodata/1/pubna/US10A_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/1/pubna/US10B_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/1/pubna/US10C_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/1/pubna/US10_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/1/pubna/US60_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/1/pubna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	221	91.7	586	9	US-09-739-262-3
2	176.6	73.3	747	16	US-10-421-363-2
3	155	64.3	6586	16	US-10-339-767-2
4	110.4	45.8	525	17	US-10-231-494-18
5	110.2	45.7	441	17	US-10-231-494-22
6	108.8	45.1	445	17	US-10-231-494-20
7	102.4	42.5	22055	12	US-09-997-722-145
8	97.8	40.6	762	15	US-10-316-761-2
9	97.8	40.6	859	9	US-09-978-295A-451
10	97.8	40.6	859	9	US-09-978-697-451
11	97.8	40.6	859	9	US-09-978-192A-451
12	97.8	40.6	859	9	US-09-999-832A-451
13	97.8	40.6	859	10	US-09-978-189-451
14	97.8	40.6	859	10	US-09-978-608A-451

15	97.8	40.6	859	10	US-09-978-585A-451	Sequence 451, App
16	97.8	40.6	859	10	US-09-978-191A-451	Sequence 451, App
17	97.8	40.6	859	10	US-09-978-403A-451	Sequence 451, App
18	97.8	40.6	859	10	US-09-978-564A-451	Sequence 451, App
19	97.8	40.6	859	10	US-09-999-833A-451	Sequence 451, App
20	97.8	40.6	859	10	US-09-981-915A-451	Sequence 451, App
21	97.8	40.6	859	10	US-09-978-824-451	Sequence 451, App
22	97.8	40.6	859	10	US-09-918-585A-451	Sequence 451, App
23	97.8	40.6	859	10	US-09-978-423A-451	Sequence 451, App
24	97.8	40.6	859	10	US-09-999-830A-451	Sequence 451, App
25	97.8	40.6	859	10	US-09-978-757A-451	Sequence 451, App
26	97.8	40.6	859	10	US-09-978-187B-451	Sequence 451, App
27	97.8	40.6	859	10	US-09-978-643A-451	Sequence 451, App
28	97.8	40.6	859	10	US-09-978-375A-451	Sequence 451, App
29	97.8	40.6	859	10	US-09-978-298A-451	Sequence 451, App
30	97.8	40.6	859	10	US-09-978-188A-451	Sequence 451, App
31	97.8	40.6	859	10	US-09-978-681A-451	Sequence 451, App
32	97.8	40.6	859	10	US-09-978-194A-451	Sequence 451, App
33	97.8	40.6	859	10	US-09-999-829A-451	Sequence 451, App
34	97.8	40.6	859	10	US-09-978-299A-451	Sequence 451, App
35	97.8	40.6	859	10	US-09-978-544A-451	Sequence 451, App
36	97.8	40.6	859	10	US-09-978-865A-451	Sequence 451, App
37	97.8	40.6	859	10	US-09-978-802A-451	Sequence 451, App
38	97.8	40.6	859	13	US-10-164-749A-451	Sequence 423, App
39	97.8	40.6	859	13	US-10-206-915-423	Sequence 423, App
40	97.8	40.6	859	13	US-10-159-670-423	Sequence 423, App
41	97.8	40.6	859	13	US-10-201-858-423	Sequence 423, App
42	97.8	40.6	859	13	US-10-081-056-119	Sequence 119, App
43	97.8	40.6	859	13	US-09-999-831A-451	Sequence 451, App
44	97.8	40.6	859	13	US-10-205-890-423	Sequence 423, App
45	97.8	40.6	859	13		

ALIGNMENTS

RESULT 1

US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraebe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3

Query Match 91.7%; Score 221; DB 9; Length 586;
Best Local Similarity 100.0%; Pred. No. 2e-58; Mismatches 0; Indels 0; Gaps 0;
Matches 221; Conservative 0;

QY	1	TCCAATGTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGT	60
Db	366	TCCAATGTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGT	425
QY	61	TATTCGAGTTTGTCTCAGAAATCAGTTTTCAGAGTGGAGAGATTTAATTGTGAA	120
Db	426	TATTCGAGTTTGTCTCAGAAATCAGTTTTCAGAGTGGAGAGATTTAATTGTGAA	485
QY	121	ATAGGCTTCCCTATATCTGCAATTCAGGCTAGGGCAGTTCTAATTTCAACAGCTTG	180
Db	486	ATAGGCTTCCCTATATCTGCAATTCAGGCTAGGGCAGTTCTAATTTCAACAGCTTG	545
QY	181	AAATATTATGAAGCTCACATGCAAGGAAGCAAGATGA	221

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Db 546 AAAATATTATGAGCTCACATGGACAAAGGAAGCAAGTATGA 586
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; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 6586
; TYPE: DNA
; ORGANISM: Hamster sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(6586)
; OTHER INFORMATION: n = A, C, G, or T
US-10-339-767-2

Query Match 64.3%; Score 155; DB 16; Length 6586;
Best Local Similarity 100.0%; Pred. No. 2.6e-37;
Matches 155; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 87 AGGTTTTCAGAAAGTGGAGAGATTTTAAATTTGAGAAATGAGCTTCCCTATATCTGCAAAATT 146
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Db 5842 AGGTTTTCAGAAAGTGGAGAGATTTTAAATTTGAGAAATGAGCTTCCCTATATCTGCAAAATT 5901
|||||
Qy 147 CAAGGTCCTAGGCGAGTTCTAATTTCAACAGCTTGAAAAATATTGAAGCTCACATGGACA 206
|||||
Db 5902 CAAGGTCCTAGGCGAGTTCTAATTTCAACAGCTTGAAAAATATTGAAGCTCACATGGACA 5961
|||||
Qy 207 AGGAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 241
|||||
Db 5962 AGGAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 5996
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RESULT 4
US-10-231-494-18
; Sequence 18, Application US/10231494
; Publication No. US2004002334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGAP
; FEATURE:
; OTHER INFORMATION: sequences
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(525)
US-10-231-494-18

Query Match 45.8%; Score 110.4; DB 17; Length 525;
Best Local Similarity 82.9%; Pred. No. 5.9e-24;
Matches 126; Conservative 0; Mismatches 26; Indels 0; Gaps 0;

Qy 1 TCCAATGTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGT 60
Db 373 TCTAATGTTTGACTTTTATATAATTCGGAAGAAATCCATCTATTGCTGCTGATAGAGT 432
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Qy 61 TATTGTCAGTTTTTGTCTCAGAAATCAGGTTTTCAAGAGTGGAGAGATTTTAAATTTGAA 120
Db 433 TATTGTGCTGTTTGTCTCAAAAATCTGGTTTTCAAAAATGGAGAGATTTTAAATTTGAA 492
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Qy 121 AATGAGCTTCCCTATATCTGCAAAATCAAGT 152
Db 493 AATGAATTGCCATATATTGTAAATTTAAAGT 524
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RESULT 5
US-10-231-494-22
; Sequence 22, Application US/10231494
; Publication No. US20040023334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 22
; LENGTH: 441
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: IN GAP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (2)..(436)
US-10-231-494-22

Query Match 45.7%; Score 110.2; DB 17; Length 441;
Best Local Similarity 81.9%; Pred. No. 6.2e-24;
Matches 127; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

QY 1 TCCAATGTCGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGTCGACCGTGGT 60
DB 284 TCTAATGTTTGACTTTTACAAATGGGAGAAATCCATCTATTGCTGCTGATAGAGT 343

QY 61 TATTGTGCAGTTTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTTGTGAA 120
DB 344 TATTGTGCTGTTTGTCTCAAAAATCTGTTTCAAAAATGGAGAGATTTAATTTGTGAA 403

QY 121 AATGAGTTCCTATATCTGCAAAATCAAGGTCTA 155
DB 404 AATGAATGCCATATATTGTGAATTTAAAGTTA 438

RESULT 6
US-10-231-494-20
; Sequence 20, Application US/10231494
; Publication No. US20040023334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 20
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: IN GAP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (1)..(444)

US-10-231-494-20

Query Match 45.1%; Score 108.8; DB 17; Length 445;
Best Local Similarity 82.2%; Pred. No. 1.7e-23;
Matches 125; Conservative 0; Mismatches 27; Indels 0; Gaps 0;

QY 1 TCCAATGTCGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGTCGACCGTGGT 60
DB 289 TCTAATGTTTGACTTTTACAAATGGGAGAAATCCATCTATTGCTGCTGATAGAGT 348

QY 61 TATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGGAGAGATTTAATTTGTGAA 120
DB 349 TATTGTGCTGTTTGTCTCAAAAATCTGTTTCAAAAATGGAGAGATTTAATTTGTGAA 408

QY 121 AATGAGTTCCTATATCTGCAAAATCAAGGT 152
DB 409 AATGAATGCCATATATTGTGAATTTAAAGT 440

RESULT 7
US-09-997-722-145/c
; Sequence 145, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 145
; LENGTH: 22055
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (12157)..(12460)
; OTHER INFORMATION: "n" at positions 12157 through 12460 can be any base.
US-09-997-722-145

Query Match 42.5%; Score 102.4; DB 12; Length 22055;
Best Local Similarity 79.6%; Pred. No. 1.2e-20;
Matches 121; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 86 CAGGTTTTTCAGAAGTGGAGAGATTTAATTCGAAATGAGCTTCCCTATATCTGCAAT 145
DB 15217 CAGGTTATCAGAAGTGGAGAGATTTAATTCGACAAATATTTCCCTATGTCGCAAT 15158

QY 146 TCAAGGCTAGGCGAGTTCTAATTTCAACAGCTTGAAATATTAATGAGCTCACATGAC 205
DB 15157 TCAAGGGTTAGCCAGTTCTGATTTCACTGCTGAAAGTATCCTGAAGATCACATAGAC 15098

QY 206 AAGGAAGCAAGTATGAGGATTCACATCAGGAAG 237
DB 15097 AAAGGAGCAAGCATGATGGCTCACCAGAAAG 15066

RESULT 8
US-10-316-761-2
; Sequence 2, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 317A Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/316,761
FILING DATE: 10-Dec-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/822,261
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 762 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: ISLNOT01
CLONE: 2072483
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-316-761-2

Query Match 40.6%; Score 97.8; DB 15; Length 762;
Best Local Similarity 63.3%; Pred. No. 6.1e-20;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;
QY 5 ATGTGTGACCTTCTATACTGGAGAGGAAACCCCTCTATTGTCTGCTGACCGTGGTTATT 64
|||||
Db 490 ATGTGTGAATTAATTGTCATGGGAGAGAAATCCCTCCACCATCTTAAACCCCTGGCCACT 549
|||||
QY 65 GTCCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAAATTGTGAAATG 124
|||||
Db 550 GTGGGAGCCCTGTCAGAGACACAGGATTTCTGAAGTGGAAAGATTATACTGTGATGCAA 609
|||||
QY 125 AGCTCCCTATATCTGCAATTCAGGTCTAGGCGAGTTCTAATTTCAACAGCTTGAAA 184
|||||
Db 610 AGTTACCTATGTCTCAGTTCAAGACTAGGCGAGTGGGAAGTCAGAGCTCAGCT 669
|||||
QY 185 TATTATGAGCTCACATGGCAAGGACGAGTATGAGGATTCAGTCAAGGAGCA 241
|||||
Db 670 TGGCGTGCAGCTCATCATGACATGACATGACAGCCAGTGTGAAGACTCACCTTGAAGAGAA 726
|||||

RESULT 9
US-09-978-295A-451
Sequence 451, Application US/09978295A
Patent No. US20020156006A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
ACIDS Encoding the Same
FILE REFERENCE: P2630P1C11
CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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PRIOR FILING DATE: 1998-03-31

APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
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APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
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7	PRIOR FILING DATE:	1998-08-15
7	PRIOR APPLICATION NUMBER:	60/085697

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/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
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/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC9
/ CURRENT APPLICATION NUMBER: US/09/978,192A
/ CURRENT FILING DATE: 2001-10-15
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; GENERAL INFORMATION:
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; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
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57 PRIOR APPLICATION NUMBER: 60/085697

Query Match 40.68; Score 97.8; DB 9; Length 859;

Best Local Similarity 63.34; Pred. No. 6.4e-20;

Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

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QY 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAAATGTGAAATG 124
Db 522 GTGGGAGCCTGTCAAGAAGCACAGGATTTCTGAAGTGGAAAAGATTATAAATGTGATCAA 581
QY 125 AGCTTCCCTATATCTGCAAAATTCAGGCTAGGGCAGTCTTAATTTCAACAGCTTGAAA 184
Db 582 AGTTACCTATGTTCTGAAGTTCAAGACTAGGCAGGTGGGAAGTCAGCAGCCTCAGCT 641

QY 185 TATTATGAAGCTCACATGGACCAAGCAAGCAAGTATGAGGATTCACCTCAGGAAGACA 241
Db 642 TGGCGTGCAGCTCATCATGGACATGAGACCAAGTGTGAAGACTCACCTTGAAGAGAA 698

RESULT 13

US-09-978-189-451
; Sequence 451, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
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;; PRIOR FILING DATE: 1998-03-25
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;; PRIOR FILING DATE: 1998-04-28
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;; PRIOR APPLICATION NUMBER: 60/083495
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;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
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;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084600
;; PRIOR FILING DATE: 1998-5-07
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;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085579
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085580
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 40.6%; Score 97.8; DB 10; Length 859;
Best Local Similarity 63.3%; Pred. No. 6.4e-20;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;

Qy 5 ATGTGCTGACCTTCTATAAATGGGAGAGAACCCCTCTATTGCTGCTGACCGTGTATT 64
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Db 462 ATGTGATGAATTACTTTGATGGAGAAATCCCTCCACATCTTAAACCTGGCCACT 521
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Qy 65 GTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAAATTGTGAAATG 124
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Db 522 GTGGAGCCTGTCAAGAAGCAGAGGATTTCTGAAGTGGAAAGATTATTAATCTGTGATCAA 581
QY 125 AGCTTCCCTATATCTGCAAAATTCAGGCTCAGGAGTCTTAATTTCAACAGCTTGAAAA 184
Db 582 AGTTACCCCTATGTTCTGCAAGTTCAAGGATCAGGCGAGGTGGGAAGTTCAGCAGCCTCAGCT 641
QY 185 TATTATGAAGCTTCACATGACAGCAAGGAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 241
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RESULT 14

US-09-978-608A-451
; Sequence 451, Application US/09978608A
; Publication No. US20030045462A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC22
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 451
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-608A-451

Query Match 40.6%; Score 97.8; DB 10; Length 859;
Best Local Similarity 63.3%; Pred. No. 6.4e-20;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;
QY 5 ATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
Db 462 ATGTGATGAATTAATCTTGCATGGGAGAAAAATCCCTCCACCATCTTAAACCCCTGGCCACT 521
QY 65 GTGCAGTTTTGTCTCAGAATCAGGTTTTTCAGAAGTGGAGAGATTTTAATTTGTAATAATG 124
Db 522 GTGGGAGCCTGTCAAGAACACAGGATTTCTGAAGTGGAAAGATTATTAATCTGTGATGCAA 581
QY 125 AGCTTCCCTATATCTGCAAAATTCAGGCTCAGGCGAGTTCTTAATTTCAACAGCTTGAAAA 184
Db 582 AGTTACCCCTATGTTCTGCAAGTTCAAGGATCAGGAGTTCGAAGTGGAAAGATTATTAATCTGTGATGCAA 581
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US-09-978-585A-451
; Sequence 451, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 451
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-585A-451

Query Match 40.6%; Score 97.8; DB 10; Length 859;
Best Local Similarity 63.3%; Pred. No. 6.4e-20;
Matches 150; Conservative 0; Mismatches 87; Indels 0; Gaps 0;
QY 5 ATGTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATT 64
Db 462 ATGTGATGAATTAATCTTGCATGGGAGAAAAATCCCTCCACCATCTTAAACCCCTGGCCACT 521
QY 65 GTGCAGTTTTGTCTCAGAATCAGGTTTTTCAGAAGTGGAGAGATTTTAATTTGTAATAATG 124
Db 522 GTGGGAGCCTGTCAAGAACACAGGATTTCTGAAGTGGAAAGATTATTAATCTGTGATGCAA 581
QY 125 AGCTTCCCTATATCTGCAAAATTCAGGCTCAGGCGAGTTCTTAATTTCAACAGCTTGAAAA 184
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Db 642 TGGCGTGCAGCTCATCATGGACATGAGACCACTGTGGAAGACTCACCCCTGGAAGAGAA 698

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 01:45:06 ; Search time 33 6273 Seconds
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Title: US-09-717-095-1_COPY_4_268

Perfect score: 265

Sequence: 1 CAAGACAGGTACCATGATGC.....TTCTTCTCAGTACTGGTGA 265

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	265	100.0	747	2	US-08-709-662-1
3	245	92.5	586	3	US-09-146-969-3
4	175	66.0	558	1	US-08-909-725-4
5	143.8	54.3	797	2	US-08-464-637-1
6	143.8	54.3	797	2	US-08-822-261-5
7	143.8	54.3	797	1	US-09-226-852-5
8	143.8	54.3	798	1	US-07-778-156-12
9	143.8	54.3	798	2	US-08-822-261-6
10	143.8	54.3	798	2	US-08-422-166-12
11	143.8	54.3	798	3	US-09-146-969-2
12	143.8	54.3	798	4	US-09-226-852-6
13	142.4	53.7	793	1	US-07-778-156-1
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22	95.6	36.1	474	2	US-08-422-166-8
23	91	34.3	94	1	US-08-909-725-1
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25	83.6	31.5	777	3	US-09-146-969-1
26	79.6	30.0	378	2	US-08-454-557C-16
27	79.6	30.0	378	2	US-08-340-426D-16

28	79.6	30.0	378	2	US-08-450-673C-16	Sequence 16, Appl
29	79.6	30.0	378	5	PCT-US95-17111A-16	Sequence 16, Appl
30	63	23.8	659	3	US-09-385-982-319	Sequence 319, Appl
31	52.8	19.9	467	4	US-09-833-381-1338	Sequence 1338, Ap
32	52.4	19.8	3411	3	US-09-146-969-4	Sequence 4, Appl
33	51.8	19.5	325	4	US-09-833-381-1337	Sequence 1337, Ap
34	47.8	18.0	282	4	US-09-833-381-1879	Sequence 1879, Ap
35	40.4	15.2	590	2	US-08-454-557C-32	Sequence 32, Appl
36	40.4	15.2	590	2	US-08-340-426D-32	Sequence 32, Appl
37	40.4	15.2	590	2	US-08-450-673C-32	Sequence 32, Appl
38	40.4	15.2	590	5	PCT-US95-17111A-32	Sequence 32, Appl
39	37.8	14.3	189	4	US-09-833-381-1338	Sequence 1880, Ap
40	32.8	12.4	1861	4	US-09-620-312D-756	Sequence 756, App
41	32	12.1	151	2	US-08-454-557C-18	Sequence 18, Appl
42	32	12.1	151	2	US-08-340-426D-18	Sequence 18, Appl
43	32	12.1	151	2	US-08-450-673C-18	Sequence 18, Appl
44	32	12.1	151	5	PCT-US95-17111A-18	Sequence 18, Appl
45	32	12.1	200	2	US-08-454-557C-80	Sequence 80, Appl

ALIGNMENTS

RESULT 1
US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetulus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541

US-08-401-530A-1

Query Match 100.0%; Score 265; DB 2; Length 747;
Best Local Similarity 100.0%; Pred. No. 5.3e-81;
Matches 265; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 4 CAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTTC 63
QY 61 CTGCTGATGCTTCTTTCTTGGTGAAGGTGAAGATCTCAAAAGAAACTGCCCTTCTTC 120
DB 64 CTGCTGATGCTTCTTTCTTGGTGAAGGTGAAGATCTCAAAAGAAACTGCCCTTCTTC 123
QY 121 ACGTATAACCTGCTCCTCAAGGCTCTGTAGGCTATGGTCTCTATTGCTATTCACTGATTTT 180
DB 124 ACGTATAACCTGCTCCTCAAGGCTCTGTAGGCTATGGTCTCTATTGCTATTCACTGATTTT 183
QY 181 GATACACAGACCTGGTCTTAATGCAGAACTATCTCCAGATGCATTTCTCAGGACACCT 240
DB 184 GATACACAGACCTGGTCTTAATGCAGAACTATCTCCAGATGCATTTCTCAGGACACCT 243
QY 241 GGCATTTCTTCTCAGTACTGGTGA 265
DB 244 GGCATTTCTTCTCAGTACTGGTGA 268

RESULT 2

US-08-709-662-1
Sequence 1, Application US/08709662

Patent No. 5840531
GENERAL INFORMATION:
APPLICANT: Vinik, Aaron I.
APPLICANT: Pittenger, Gary L.
APPLICANT: Rafaeloff, Ronit
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/709,662
FILING DATE: 09-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570.59178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 747 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:

ORGANISM: Cricetulus

FEATURE:

NAME/KEY: CDS

LOCATION: 20..541

US-08-709-662-1

Query Match 100.0%; Score 265; DB 2; Length 747;
Best Local Similarity 100.0%; Pred. No. 5.3e-81;
Matches 265; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTTC 60
DB 4 CAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCTTTC 63
QY 61 CTGCTGATGCTTCTTTCTTGGTGAAGGTGAAGATCTCAAAAGAAACTGCCCTTCTTC 120
DB 64 CTGCTGATGCTTCTTTCTTGGTGAAGGTGAAGATCTCAAAAGAAACTGCCCTTCTTC 123
QY 121 ACGTATAACCTGCTCCTCAAGGCTCTGTAGGCTATGGTCTCTATTGCTATTCACTGATTTT 180
DB 124 ACGTATAACCTGCTCCTCAAGGCTCTGTAGGCTATGGTCTCTATTGCTATTCACTGATTTT 183
QY 181 GATACACAGACCTGGTCTTAATGCAGAACTATCTCCAGATGCATTTCTCAGGACACCT 240
DB 184 GATACACAGACCTGGTCTTAATGCAGAACTATCTCCAGATGCATTTCTCAGGACACCT 243
QY 241 GGCATTTCTTCTCAGTACTGGTGA 265
DB 244 GGCATTTCTTCTCAGTACTGGTGA 268

RESULT 3

US-09-146-969-3

Sequence 3, Application US/09146969
Patent No. 6228585
GENERAL INFORMATION:
APPLICANT: Dieckgraefe, Brian K.
TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
FILE REFERENCE: 04255.75314
CURRENT APPLICATION NUMBER: US/09/146,969
CURRENT FILING DATE: 1998-09-04
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 586
TYPE: DNA
ORGANISM: Homo sapiens
US-09-146-969-3

Query Match 92.5%; Score 245; DB 3; Length 586;
Best Local Similarity 100.0%; Pred. No. 3.3e-74;
Matches 245; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 TTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTTCTCCCTGCTGATGCTTCTTCTTCTT 60
QY 81 GGGTGAAGGTGAAGATCTCAAAAGAAACTGCCCTTCTTCCAGTATAACCTGCTCCTCAAG 140
DB 61 GGGTGAAGGTGAAGATCTCAAAAGAAACTGCCCTTCTTCCAGTATAACCTGCTCCTCAAG 120
QY 141 GCTCTGTAGCTATGGTCTCTATTGCTATTCACTGATTTTGATACACAGACCTGGTCTA 200
DB 121 GCTCTGTAGCTATGGTCTCTATTGCTATTCACTGATTTTGATACACAGACCTGGTCTA 180
QY 201 ATGCAGAACTATCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCTCAGTACTG 260
DB 181 ATGCAGAACTATCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCTCAGTACTG 240
QY 261 GTGAA 265
DB 241 GTGAA 245

RESULT 4

US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT

INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

US-08-909-725-4

Query Match 66.0%; Score 175; DB 1; Length 558;
Best Local Similarity 97.3%; Pred. No. 3e-50; Mismatches 0; Indels 0; Gaps 0;
Matches 178; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 83 GTGGAAGTGAAGATCTCAAAGAACTGCTTCTTACGATATACCTGCTCAAGGC 142
Db |||||
3 GCGGATCCGGAAGATCTCAAAGAACTGCTTCTTACGATATACCTGCTCAAGGC 52
QY 143 TCTGTAGCTATGGTCTCTATGCTATTCACGTATTTGATACACAGACCTGGTCTAAT 202
Db |||||
63 TCTGTAGCTATGGTCTCTATGCTATTCACGTATTTGATACACAGACCTGGTCTAAT 122
QY 203 GCAGAACTATCTGCGCAGATGATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGT 262
Db |||||
123 GCAGAACTATCTGCGCAGATGATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGT 182
QY 263 GAA 265
Db |||||
183 GAA 185

RESULT 5

US-08-464-637-1
; Sequence 1, Application US/08464637

Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended).
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 43..567
; OTHER INFORMATION: /product= "human"
; OTHER INFORMATION: pancreatitis-associated protein"
; OTHER INFORMATION: /note= "see, Fig. 3"
US-08-464-637-1

Query Match 54.3%; Score 143.8; DB 2; Length 797;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCGATGACCTCTGTAGATCTCTTGGATGCTGCTTCTGCTGCC 65
Db |||||
35 CAGACACTATGCTGCTCCCTCCCTGCGCCCTGTCAGTGTATCTTGGATGCTGCTTCTGCTGCC 94
QY 66 TGATGTTCTTTCTTGGGTGAAGGTGAAGATCTCAAAGAACTGCTTCTTCCACGTA 125
Db |||||
95 TCATGCTGCTCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCTCTGACCGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCTATGGGTCTATTGCTATTCTACTGATTTTGATAC 185
Db |||||
155 TCCGCTGTCCCAAGGCTCCAAAGGCTATGGCTCCACTGTCTATGCTCTGTTTGTGAC 214
QY 186 CACAGACCTGTCTTAATGACAGAACTATCTGCCAGATGATTTCTCAGACACCTGGCAT 245
Db |||||
215 CAAATCTGACAGATGATGCTGCGCTGCCAGAGCGCCCTCTGGAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264

Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 6

US-08-822-261-5
; Sequence 5, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; US-08-822-261-5

Query Match 54.3%; Score 143.8; DB 2; Length 797;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 65
Db 35 CAGACACTATGCTGCCTCCCATGCGCTGCCAGTGATCTTGGATGCTGCTTTCCTGCC 94
QY 66 TGATGTTCTTTCTTGGTGGAGGTGAAGAACTCAAGAACTGCTTTCACGTA 125
Db 95 TCATGCTGTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCCTATGGGTCCTATTCTATTCTATTCTGATAC 185
Db 155 TCCGCTGTCCAAAGGCTCCAAAGCCTATGGCTCCCACTGCTATGCTTGTGTCAC 214
QY 186 CACAGACCTGGTCTAATGCGAACTATCTGCCAGATGCATTTCTCAGGACACCTGGCAT 245
Db 215 CAAAATCCTGGACAGATGCAGATCTGGCCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264

Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 7

US-09-226-852-5
; Sequence 5, Application US/09226852
; Patent No. 6492499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; US-09-226-852-5

Query Match 54.3%; Score 143.8; DB 4; Length 797;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 65
Db 35 CAGACACTATGCTGCCTCCCATGCGCTGCCAGTGATCTTGGATGCTGCTTTCCTGCC 94
QY 66 TGATGTTCTTTCTTGGTGGAGGTGAAGAACTCAAGAACTGCTTTCACGTA 125
Db 95 TCATGCTGTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCCTATGGGTCCTATTCTATTCTATTCTGATAC 185
Db 155 TCCGCTGTCCAAAGGCTCCAAAGCCTATGGCTCCCACTGCTATGCTTGTGTCAC 214
QY 186 CACAGACCTGGTCTAATGCGAACTATCTGCCAGATGCATTTCTCAGGACACCTGGCAT 245
Db 215 CAAAATCCTGGACAGATGCAGATCTGGCCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 8

US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248955 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
; US-07-778-156-12

Query Match 54.3%; Score 143.8; DB 1; Length 798;

Best Local Similarity 72.2%; Pred. No. 1.7e-39;

Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY	6	CAGGTACCATGATGCTCCCATGACCCCTGTGAGGATGCTTGGATGCTGCTTCTCCTGCC	65
Db	35	CAGACACTATGCTGCTCCATGGCCCTGCCAGTGATCTTGGATGCTGCTTCTCCTGCC	94
QY	66	TGATGTTCTTTCTTTGGGTGAAGTGAAGATCTCAAAAGAAACTGCTTCTTCAACGTA	125
Db	95	TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA	154
QY	126	TAACTGTCTCTCAAGGCTCTGAGCTATGGTCTCTATTTGCTATTTCACTGATTTTGATAC	185
Db	155	TCCGCTGTCCCAAGGCTCAAGGCTATGGCTCCACTGCTATGCTTGTGTTTGTGAC	214
QY	186	CACAGACCTGGTCTTAATGCAGAACTATCTGCCAGATGCTTCTCAGGACACCTGGCAT	245
Db	215	CAAAATCTTGACAGATGACATCTGGCTGCCAGAGCGGCCCTCTGGAACCTGGTGT	274
QY	246	TTCTTCTCAGTACTGGTGA	264

Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 9

US-08-822-261-6
; Sequence 6, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goll, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
; US-08-822-261-6

Query Match 54.3%; Score 143.8; DB 2; Length 798;

Best Local Similarity 72.2%; Pred. No. 1.7e-39;

Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY	6	CAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTCCTGCC	65
Db	35	CAGACACTATGCTGCTCCATGGCCCTGCCAGTGATCTTGGATGCTGCTTCTCCTGCC	94
QY	66	TGATGTTCTTTCTTTGGGTGAAGTGAAGATCTCAAAAGAAACTGCTTCTTCAACGTA	125
Db	95	TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA	154
QY	126	TAACTGTCTCTCAAGGCTCTGAGCTATGGTCTCTATTTGCTATTTCACTGATTTTGATAC	185
Db	155	TCCGCTGTCCCAAGGCTCAAGGCTATGGCTCCACTGCTATGCTTGTGTTTGTGAC	214
QY	186	CACAGACCTGGTCTTAATGCAGAACTATCTGCCAGATGCTTCTCAGGACACCTGGCAT	245
Db	215	CAAAATCTTGACAGATGACATCTGGCTGCCAGAGCGGCCCTCTGGAACCTGGTGT	274
QY	246	TTCTTCTCAGTACTGGTGA	264
Db	275	CTGTGCTCAGTGGGCTGA	293

RESULT 10
US-08-422-166-12
; Sequence 12, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-08-422-166-12

Query Match 54.3%; Score 143.8; DB 2; Length 798;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 65
Db 35 CAGACACTATGCTGCTTCCCATGCTTCCCATGCTGCTTCCCATGCTGCTTTCCTGCC 94
QY 66 TGATGTTCTCTTCTTGGGTGGAAGGTGAAGAAATCTCAAAAGAAACTGCTTCTTCACGTA 125
Db 95 TCATGCTGCTGCTCAGGTTCAAGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCTTATGCTTATTCCTATTCCTGATTTTGATAC 185
Db 155 TCGGCTGTCCAAAGGCTTCCAAAGGCTTATGGCTCCCACTGCTATGCTTTTGTGCAC 214
QY 186 CACAGACCTGGTCTAATGACAGAACTATCTCCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 215 CAAAATCTGGACAGATGCAGATCTGGCTTCCCAAGAGCGGCCCTCTGGAAACCTGTGT 274

QY 246 TTCTTCTCAGTACTGCTGTA 264
Db 275 CTGTGCTCAGTGGGCTGA 293
RESULT 11
US-09-146-969-2
; Sequence 2, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucoasal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 798
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-2

Query Match 54.3%; Score 143.8; DB 3; Length 798;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 65
Db 35 CAGACACTATGCTGCTTCCCATGCTTCCCATGCTGCTTTCCTGCC 94
QY 66 TGATGTTCTCTTCTTGGGTGGAAGGTGAAGAAATCTCAAAAGAAACTGCTTCTTCACGTA 125
Db 95 TCATGCTGCTGCTCAGGTTCAAGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCTTATGCTTATTCCTATTCCTGATTTTGATAC 185
Db 155 TCGGCTGTCCAAAGGCTTCCAAAGGCTTATGGCTCCCACTGCTATGCTTTTGTGCAC 214
QY 186 CACAGACCTGGTCTAATGACAGAACTATCTCCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 215 CAAAATCTGGACAGATGCAGATCTGGCTTCCCAAGAGCGGCCCTCTGGAAACCTGTGT 274
QY 246 TTCTTCTCAGTACTGCTGTA 264
Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 12
US-09-226-852-6
; Sequence 6, Application US/09226852
; Patent No. 6492499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,852

```
;
;
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PP-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
;
US-09-226-852-6
;
Query Match 54.3%; Score 143.8; DB 4; Length 798;
Best Local Similarity 72.2%; Pred. No. 1.7e-39;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

QY 6 CAGTACATGATGCTCCCATGACCCCTCTGTAGATGCTGTGATGCTGCTTCCTGCC 65
Db 35 CAGACACTATGCTGCTCCCATGACCCCTCTGTAGATGCTGTGATGCTGCTTCCTGCC 94
QY 66 TGATGTTCTTTCTTGCTGGAAGTGAAGAAATCTCAAAAGAACTGCTTCTTCACGTA 125
Db 95 TCAAGCTGCTCTCAGTTCAAGTGAAGAACCCAGAGGAAGTGCCTCTGCACGGA 154
QY 126 TAACCTGCTCAAGGCTCTGTAGCCCTATGGCTCTTATGCTATCACTGATTTTGATAC 185
Db 155 TCCGCTGTCCCAAGGCTCCAAAGCCCTATGGCTCCCACTGCTATGCTTTTGTGCAC 214
QY 186 CAGAGACTGCTTAATGACAGAACTATCTCCAGAGATCTTCAGGACACTGGCAT 245
Db 215 CAAATCTGGACAGATGCAAGATCTGGCTGCCAGAGAGCGCCCTCTGGAAACCTGGTG 274
QY 246 TTTCTTCTCAGTACTGTTGA 264
Db 275 CTGCTCAGTGGGCTGA 293

RESULT 13
US-07-778-156-1
; Sequence 1, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: P.C.
; ADDRESS: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 793 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA to mRNA
; ORIGINAL SOURCE:
; ORGANISM: rat
; TISSUE TYPE: pancreas
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 62..613
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US-07-778-156-1
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Query Match 53.7%; Score 142.4; DB 1; Length 793;
Best Local Similarity 71.2%; Pred. No. 5.2e-39;
Matches 188; Conservative 0; Mismatches 76; Indels 0; Gaps 0;

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Db 50 ATGAGATTATATGTTGCAATCGCTTGGCTTCCAGTCACTGCTCTGATGCTGCTCTCC 109
QY 62 TGCCTGATGTTCTTCTTGGGTGGAAGTGAAGAAATCTCAAAAGAACTGCTTCTTCA 121
Db 110 TGCTGATGCTTATCACAGGTGCAAGGAGAGACTCTCCGAAGAAATACCCCTGCA 169
QY 122 GGTATACCTGCTCTCAAGCTCTGTAGCTATGGGTCTCTATGCTATGCTATGCTGATTTG 181
Db 170 CGCATTTAGTTGCCCAAGGCTCCAGGCATATGGCTCTCTACTGCTATGCCCTGTTTCAG 229
QY 182 ATACCAGACCTGGTCTTAATGCAAGAACTATCTGCCAGATGCAATTTCTCAGGACACTG 241
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QY 242 GCATTTCTTCTCAGTACTGGTGA 265
Db 290 GATCTGCTCAATGTAGCTGA 313

RESULT 14
US-08-422-166-1
; Sequence 1, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 02:55:42 ; Search time 189.286 Seconds
(without alignments)
6864.396 Million cell updates/sec

Title: US-09-717-095-1_COPY_4_268

Perfect score: 265

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Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 6445838

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA: *

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13: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq2.*
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18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	265	100.0	747	16	US-10-421-363-2
2	245	92.5	586	9	US-09-739-262-3
3	164	61.9	525	17	US-10-231-494-18
4	143.8	54.3	797	15	US-10-316-761-5
5	143.8	54.3	798	15	US-09-739-262-2
6	143.8	54.3	798	15	US-10-316-761-6
7	143.8	54.3	807	12	US-09-997-722-149
8	143.8	54.3	940	9	US-09-925-301-171
9	142.4	53.7	781	16	US-10-191-803-235
10	141.8	53.5	461	9	US-09-925-301-711
11	140.6	53.1	528	12	US-09-997-722-150
12	139	52.5	762	15	US-10-316-761-2
13	139	52.5	859	9	US-09-978-295A-451
14	139	52.5	859	9	US-09-978-697-451

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15 139 52.5 859 9 US-09-978-192A-451 Sequence 451, App
16 139 52.5 859 9 US-09-999-832A-451 Sequence 451, App
17 139 52.5 859 10 US-09-978-189-451 Sequence 451, App
18 139 52.5 859 10 US-09-978-608A-451 Sequence 451, App
19 139 52.5 859 10 US-09-978-585A-451 Sequence 451, App
20 139 52.5 859 10 US-09-978-191A-451 Sequence 451, App
21 139 52.5 859 10 US-09-978-403A-451 Sequence 451, App
22 139 52.5 859 10 US-09-978-564A-451 Sequence 451, App
23 139 52.5 859 10 US-09-999-833A-451 Sequence 451, App
24 139 52.5 859 10 US-09-981-913A-451 Sequence 451, App
25 139 52.5 859 10 US-09-978-824-451 Sequence 451, App
26 139 52.5 859 10 US-09-918-585A-451 Sequence 451, App
27 139 52.5 859 10 US-09-978-423A-451 Sequence 451, App
28 139 52.5 859 10 US-09-978-193A-451 Sequence 451, App
29 139 52.5 859 10 US-09-999-830A-451 Sequence 451, App
30 139 52.5 859 10 US-09-978-757A-451 Sequence 451, App
31 139 52.5 859 10 US-09-978-187B-451 Sequence 451, App
32 139 52.5 859 10 US-09-978-643A-451 Sequence 451, App
33 139 52.5 859 10 US-09-978-375A-451 Sequence 451, App
34 139 52.5 859 10 US-09-978-298A-451 Sequence 451, App
35 139 52.5 859 10 US-09-978-188A-451 Sequence 451, App
36 139 52.5 859 10 US-09-978-681A-451 Sequence 451, App
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38 139 52.5 859 10 US-09-999-829A-451 Sequence 451, App
39 139 52.5 859 10 US-09-978-299A-451 Sequence 451, App
40 139 52.5 859 10 US-09-978-544A-451 Sequence 451, App
41 139 52.5 859 10 US-09-978-665A-451 Sequence 451, App
42 139 52.5 859 10 US-09-978-802A-451 Sequence 451, App
43 139 52.5 859 13 US-10-164-749A-451 Sequence 423, App
44 139 52.5 859 13 US-10-206-915-423 Sequence 423, App
45 139 52.5 859 13 US-10-199-670-423 Sequence 423, App

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ALIGNMENTS

RESULT 1

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US-10-421-363-2
; Sequence 2, Application US/10421363
; Publication No. US20040018623A1
; GENERAL INFORMATION:
; APPLICANT: Rosenberg, Lawrence
; TITLE OF INVENTION: MEDIUM FOR PREPARING DEDIFFERENTIATED
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 701826-05621-CIP
; CURRENT APPLICATION NUMBER: US/10/421,363
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: US 10/111,485
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: PCT/CA00/01284
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,137
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 747
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mammalian INGAP
; NAME/KEY: CDS
; LOCATION: (20)...(541)
US-10-421-363-2

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Query Match 100.0%; Score 265; DB 16; Length 747;

Best Local Similarity 100.0%; Pred. No. 3,8e-83;
Matches 265; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CAAGACAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTC 60

Db 4 CAAGACAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTC 63


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; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-316-761-5

Query Match 54.3%; Score 143.8; DB 15; Length 797;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

Qy 6 CAGGTACCATGATGCTCCCATGACCCCTCTAGGATGCTTTGGATGCTGCTTTCCGTGCC 65
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Qy 66 TGATGTTCTTTCTTGGTGAAGTGAAGATCTCAAAAGAACTGCTTTCCAGTA 125
Db 95 TCATGCTGCTGCTCTCAGSTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGACGGA 154
Qy 126 TAACTGTCCTCAAGGCTCTTAGCTATGGTCTCTATTGCTATTCACTGATTTGTATAC 185
Db 155 TCCGCTGTCCAAAGGCTCCAGGCTATGCTCCACTGTATGCTTTTGTGTAC 214
Qy 186 CACAGACCTGCTCTAATGACAGAACTATCTCCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 215 CAAAATCTGACAGATGACATCTGGCTGCCAGAGCGCCCTCTGGAACCTGGTGT 274
Qy 246 TTCCTCAGTACTGGTGA 264
Db 275 CTGTGCTCAGTGGGCTGA 293

RESULT 5
US-09-739-262-2
; Sequence 2, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraebe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; CURRENT FILING DATE: 2000-12-19
; PRIOR FILING DATE: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 798
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-2

Query Match 54.3%; Score 143.8; DB 9; Length 798;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

Qy 6 CAGGTACCATGATGCTCCCATGACCCCTCTAGGATGCTTTGGATGCTGCTTTCCGTGCC 65
Db 35 CAGACACTATGCTGCTCCCATGCCCTGCCAGGTATCTTGGATGCTGCTTTCCGTGCC 94
Qy 66 TGATGTTCTTTCTTGGTGAAGTGAAGATCTCAAAAGAACTGCTTTCCAGTA 125
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Db 95 TCATGCTGCTGCTCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGACGGA 154
Qy 126 TAACTGTCCTCAAGGCTCTGTAGCCCTATGGTCTTATGCTATTCACTGATTTGTATAC 185
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Db 215 CAAAATCTGACAGATGACATCTGGCTGCCAGAGCGCCCTCTGGAACCTGGTGT 274
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RESULT 6
US-10-316-761-6
; Sequence 6, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/316,761
; FILING DATE: 10-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/822,261
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-10-316-761-6

Query Match 54.3%; Score 143.8; DB 15; Length 798;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

Qy 6 CAGGTACCATGATGCTCCCATGACCCCTCTAGGATGCTTTGGATGCTGCTTTCCGTGCC 65
Db 35 CAGACACTATGCTGCTCCCATGCCCTGCCAGGTATCTTGGATGCTGCTTTCCGTGCC 94
Qy 66 TGATGTTCTTTCTTGGTGAAGTGAAGATCTCAAAAGAACTGCTTTCCAGTA 125
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Db 95 TCATGCTGCTGCTCAGGTTCAAGGTGAAGAACCCAGAGGGAACTGCCCTCTGCACGGA 154
QY 126 TAACCTGTCTCAAGGCTCTGTAGCTTATGGGTCTTATTCCTATTCTACTGATTTTGATAC 185
Db 155 TCGCTGTCCAAAGGCTCAAGGCTATGGCTCCCACTGCTATGCTGTTTGTGCAC 214
QY 186 CACAGACCTGCTTAATGCAAACTATCTTGCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 215 CAAAATCCTGGACAGATGCAGATCTGGCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 274
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 275 CTGTGCTCAGTGGGGCTGA 293

RESULT 7

US-09-997-722-149
; Sequence 149, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 149
; LENGTH: 807
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-722-149

Query Match 54.3%; Score 143.8; DB 12; Length 807;
Best Local Similarity 72.2%; Pred. No. 3.9e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCCC 65
Db 53 CAGACACTATGCTGCTCCCATGCCCTGCCAGTGTATCTGGATGCTGCTTCTGCCC 112
QY 66 TGATGTTCTCTTCTTGGGTGGAAGGTGAAGATCTCAAAAGAACTGCCCTTCTTACGTA 125
Db 113 TCATGCTGCTCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 172
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCTTATGGGTCTTATTCCTATTCTACTGATTTGATAC 185
Db 173 TCGCTGTCCAAAGGCTCAAGGCTATGGCTCCCATGCTATGCTGCTGTTTGTGCAC 232
QY 186 CACAGACCTGCTTAATGCAAACTATCTTGCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 233 CAAAATCCTGGACAGATGCAGATCTGGCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 292
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 293 CTGTGCTCAGTGGGGCTGA 311

RESULT 8

US-09-925-301-171
; Sequence 171, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10

; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 171
; LENGTH: 940
; TYPE: DNA
; ORGANISM: Homo sapiens
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; LOCATION: (8)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (12)
; OTHER INFORMATION: n equals a,t,g, or c
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; LOCATION: (919)
; OTHER INFORMATION: n equals a,t,g, or c
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; LOCATION: (935)
; OTHER INFORMATION: n equals a,t,g, or c
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; LOCATION: (938)
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Query Match 54.3%; Score 143.8; DB 9; Length 940;
Best Local Similarity 72.2%; Pred. No. 4.2e-40;
Matches 187; Conservative 0; Mismatches 72; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCCC 65
Db 70 CAGACACTATGCTGCTCCCATGGCCCTGCCAGTGTATCTTGGATGCTGCTTCTGCCC 129
QY 66 TGATGTTCTCTTCTTGGGTGGAAGGTGAAGATCTCAAAAGAACTGCCCTTCTTACGTA 125
Db 130 TCATGCTGCTCTCAGGTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 189
QY 126 TAACCTGTCTCAAGGCTCTGTAGCCTTATGGGTCTTATTCCTATTCTACTGATTTGATAC 185
Db 190 TCGCTGTCCAAAGGCTCAAGGCTATGGCTCCCATGCTGCTGCTGTTTGTGCAC 249
QY 186 CACAGACCTGCTTAATGCAAACTATCTTGCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 250 CAAAATCCTGGACAGATGCAGATCTGGCTGCCAGAGCGGCCCTCTGGAAACCTGGTGT 309
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 310 CTGTGCTCAGTGGGGCTGA 328
RESULT 9
US-10-191-803-235
; Sequence 235, Application US/10191803
; Publication No. US20040014040A1
; GENERAL INFORMATION:
; APPLICANT: MENDRICK, Donna
; APPLICANT: PORTER, Mark
; APPLICANT: JOHNSON, Kory
; APPLICANT: HIGGS, Brandon
; APPLICANT: CASTLE, Arthur
; APPLICANT: ELASHOFF, Michael
; TITLE OF INVENTION: Cardiotoxin Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5090US
; CURRENT APPLICATION NUMBER: US/10/191,803
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: US 60/303,819
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/305,623
; PRIOR FILING DATE: 2001-07-17
; CURRENT APPLICATION NUMBER: US 60/369,351

;; PRIOR FILING DATE: 2002-04-03
;; PRIOR APPLICATION NUMBER: US 60/377,611
;; PRIOR FILING DATE: 2002-05-06
;; NUMBER OF SEQ ID NOS: 1140
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 235
;; LENGTH: 781
;; TYPE: DNA
;; ORGANISM: Rattus norvegicus
;; FEATURE:
;; OTHER INFORMATION: Genbank Accession No. US20040014040A1 NM_053289
US-10-191-803-235

Query Match 53.7%; Score 142.4; DB 16; Length 781;
Best Local Similarity 71.2%; Pred. No. 1.2e-39;
Matches 188; Conservative 0; Mismatches 76; Indels 0; Gaps 0;

Qy 2 AAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCC 61
Db 48 ATGAGAGTTAGATGTTGCATCGCTTGGCCCTTCCAGTCATGCTCTGGATGCTCTCC 107
Qy 62 TGCCTGATGTTCTTCTTGGTGGAGGTGAAGATCTCAAAAGAACTCCCTTCTTCA 121
Db 108 TGCCTGATGCTTATATACAGGTGCAAGGAGAAGACTCTCCGAAGAAATACCCCTCTGCA 167
Qy 122 CGTATACCTGCTCAAGGCTCTGTAGCCTATGGTCTTATGCTATTTCACTGATTTG 181
Db 168 CGCATTAAGTTGCCCAAGGCTCCAGGCATATGGCTCTTACTGCTATGCCCTGTTTCAG 227
Qy 182 ATACACAGACCTGGTCTTAATGCAGAACTATCTGCCAGATGCAATTTCTCAGGACACCTG 241
Db 228 ATACACAGACCTGTTTGTATGCAGAACTGGCTGCCAGAGACCTGAAGGACACCTT 287
Qy 242 GCATTTCTTCTCAGTACTGGTGA 265
Db 288 GTATCTGTCTCAATGTAGCTGAA 311

RESULT 10
US-09-925-301-711
; Sequence 711, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 711
; LENGTH: 461
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)_
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (3)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (12)_
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (37)_
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (63)_

;; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (221)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (337)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (364)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-925-301-711

Query Match 53.5%; Score 141.8; DB 9; Length 461;
Best Local Similarity 71.4%; Pred. No. 1.5e-39;
Matches 185; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

Qy 6 CAGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCTGCC 65
Db 94 CAGACACTATGCTGCTCCCATGCGCCCTGCCCATGTATCTTGGATGCTGCTTCTGCTGCC 153
Qy 66 TGATGTTCTTCTTCTGGTGAAGGTGAAGATCTCAAAAGAACTGCTTCTTCACTGA 125
Db 154 TCATGCTGCTGTCTCAGGTTCAAGGTGAAGAAACCCAGAGGAACTGCCCTCTGCACCGA 213
Qy 126 TAACCTGTCTCAAGGCTCTGTAGCCTATGGGCTCTATTGCTATTCACTGATTTGATAC 185
Db 214 TCCGCTGNCCAAAGGCTCCAAAGGCTATGGCTCCACTGCTATGCTTGTGTTGTCCAC 273
Qy 186 CACAGACCTGGTCTTAATGCAGAACTATCTGCCAGATGCAATTTCTCAGGACACCTGGCAT 245
Db 274 CAAATCTGACAGATGCAGATCTGGCCTGCCAGAACGGCCCTCTGGAACACCTGGTGT 333
Qy 246 TTCTTCTCAGTACTGGTGA 264
Db 334 CTGNGCTCAGTGGGCTGA 352

RESULT 11
US-09-997-722-150
; Sequence 150, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-7171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 150
; LENGTH: 528
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-722-150

Query Match 53.1%; Score 140.6; DB 12; Length 528;
Best Local Similarity 72.5%; Pred. No. 4.4e-39;
Matches 182; Conservative 0; Mismatches 69; Indels 0; Gaps 0;

Qy 14 ATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTCTGCTGATGTTTC 73
Db 1 ATGCTGCTCCCATGGCCCTGCCAGTGTATCTTGGATGCTGCTTCTGCTGCTCATGCTG 60
Qy 74 CTTCTTGGGTGGAGGTGAAGATCTCAAAAGAACTGCTTCTTCAAGTATACCTGT 133
Db 61 CTGCTCAGGTTCAAGGTGAAGAAACCCAGAGGAACTGCCCTCTGCACGGATCCGCTGT 120
Qy 134 CCTCAAGGCTCTGTAGCCTATGGGCTCTATTGCTATTCACTGATTTTGATACACAGACC 193

Db 121 CCCAAGGCTCCAAAGGCTATGGCTCCCACTGCTGCTGTTGTTTGTACCAAAATCC 180
QY 194 TGGTCTTAAGCAGACTATCTCCGAGATGCATTTCTCAGACACCTGGCATTTCTCTC 253
Db 181 TGGACAGATGCATCTGGCTCCAGAGCGGCGCTCTGGAACCTGGTGTCTGTGCTC 240
QY 254 AGTACTGGTGA 264
Db 241 AGTGGGCTGA 251

RESULT 12

US-10-316-761-2
; Sequence 2, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/316,761
; FILING DATE: 10-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/822,261
; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLNOT01
; CLONE: 2072483
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-10-316-761-2
Query Match 52.5%; Score 139; DB 15; Length 762;
Best Local Similarity 71.0%; Pred. No. 1.9e-38;
Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;
QY 6 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCTGCC 65
Db 106 CAGACATATGCTGCTCCATGCGCTGCCAGTGTGCTGATGCTGCTTTCTGCC 165
QY 66 TGAATGTTCTTCTTGGGTGAAGGTGAAGAATCTCAAAGAACTGCCTTCTTCAGTGA 125
Db 166 TCATTCTCTGTGTCAAGTTCAAGGTGAAGAACCCAGAGGAAGTCCCTCTCCACGGA 225
QY 126 TAACCTGTCTCCTAAGGCTCTGTAGCTATGGTCTTATGCTATTCACTGATTTGATAC 185

Db 226 TCAGCTGTGCCAAAGGCTCCAAAGGCTATGGCTCCCGCTCTATGCTGCTTTTGTGCAC 285
QY 186 CACAGACCTGGTCTTANTGCAGAACTATCTGCCAGATGCATTTCTCAGGACACCTGGCAT 245
Db 286 CAAAATCTCTGGATGGATGCAGATCTGGCTTGCAGAAAGCGGCGCTCTGGAATAACTGGTGT 345
QY 246 TTCTTCTCAGTACTGGTGA 264
Db 346 CTGTGCTCAGTGGGCTGA 364

RESULT 13

US-09-978-295A-451
; Sequence 451, Application US/09978295A
; Patent No. US20020156006A1

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC11
; CURRENT APPLICATION NUMBER: US/09/978,295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
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 ; PRIOR APPLICATION NUMBER: 60/082704
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 ; PRIOR APPLICATION NUMBER: 60/082804
 ; PRIOR FILING DATE: 1998-04-22
 ; PRIOR APPLICATION NUMBER: 60/082700
 ; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-04-22
 ; PRIOR APPLICATION NUMBER: 60/082796
 ; PRIOR FILING DATE: 1998-04-23
 ; PRIOR APPLICATION NUMBER: 60/083336
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 ; PRIOR FILING DATE: 1998-04-28
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 ; PRIOR APPLICATION NUMBER: 60/085700
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085689
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085579
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085580
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085573
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085704
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.5%; Score 139; DB 9; Length 859;
 Best Local Similarity 71.0%; Pred. No. 2e-38;
 Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

Qy	6	CAGGTACCATGATGCTCCCATGACCTCTGTAGATGTCCTTGGATGCTGCTTCTCTGCG	65
Db	78	CAGACATATGCTGCTCCCATGGCCCTGTGCTCGATGTCCTTCTCTGCG	137
Qy	66	TGATGTTCTTCTTGGGTGGAAGTGAAGATCTCAAAGAAATCGCCTTCTTACAGTA	125
Db	138	TCATTCTCTGTGTCAGGTTCAAGGTGAAGAACCCAGAGGAATGCCCCCTTCCACGGA	197
Qy	126	TAACTGTCTCAAGGCTCTGTAGCTATGGCTCCTATTGCTATTCACTGATTTTGATAC	185
Db	198	TCAGTGTCTCCAAAGGCTCCAAAGGCTATGGCTCCCTGCTATGCTTGTGTTTGTCTAC	257
Qy	186	CACAGACTGTGCTAAATGCAGAACTATCTGCGCAGTGCATTTCTCAGACACCTGGCAT	245
Db	258	CAAAATCTCGATGGATGCAGATCTGGCTTGCCAGAGCGGCCCTCTGGAAACTGGTGT	317
Qy	246	TTCTTCTCAGTACTGGTGA	264
Db	318	CTGTGCTCAGTGGGGCTGA	336

RESULT 14

US-09-378-697-451
; Sequence 451, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641


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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.5%; Score 139; DB 9; Length 859;
Best Local Similarity 71.0%; Pred. No. 2e-38;
Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;

QY 6 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTCTGGATGCTGCTTTCTGTC 65
DB 78 CAGACACTATGCTGCTCCCATGCGCCCTGCCAGTGTGCTCTGGATGCTGCTTTCTGTC 137
QY 66 TGNATGTTCTCTTCTTGGTGGAGGTGAAGAATCTCAAAGAAACTGCCCTTCTTACGTA 125
DB 138 TCATTTCTCTGTGTCAAGTTCAAGGTGAAGAACCCAGAGGAACCTGCCCTCTCCACGA 197
QY 126 TTAACCTGTCTCTCAAGGCTCTGTAGCCTATGGGTCTTATGCTATTCACTGATTTGATAC 185
DB 198 TCAGCTGTCCCAAGGCTCAAGGCCCTATGGCTCCCTGCTACTGCTTTGTCAC 257
QY 186 CACAGACCTGGTCTAATGAGAACTATCTCTGCCAGATGCAATTTCTCAGGACACCTGGCAT 245
DB 258 CAAATCTCGATGGATGCAGATCTGGCTTGCAGAGCGGCCCTCTGGAAACTGGTGT 317
QY 246 TTCTTCTCAGTACTGGTGA 264
DB 318 CTGTCTCAGTGGGCTGA 336

RESULT 15
US-09-978-192A-451
; Sequence 451, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PLC9
; CURRENT APPLICATION NUMBER: US/09/978,192A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03

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Mon Aug 9 09:27:54 2004

; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.5%; Score 139; DB 9; Length 859;
Best Local Similarity 71.0%; Pred. No. 2e-38;
Matches 184; Conservative 0; Mismatches 75; Indels 0; Gaps 0;
Qy 6 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 65
Db 78 CAGACACTATGCTGCTCCCATGGCCCTGCCAGTGTCTTGGATGCTGCTTTCCTGCC 137
Qy 66 TGATGTTCTCTTCTTGGGTGAAGTGAAGATCTCAAAAGAACTGCTTCTTCACTA 125
Db 138 TCATTCTCTGTGTCAGGTTCAAGGTGAAGAACCCAGAGGAAGTGCCTCTCCACGGA 197
Qy 126 TAACCTGTCCTCAAGGCTCTGTAGCCTATGGTCTCTATTGCTATTCTACTGATTGTATAC 185
Db 198 TCAGCTGTCCCAAGGCTCCAAGGCTATGGTCCCTCTGCTATGCTTGTGTTTGTAC 257
Qy 186 CACAGACCTGTCTAATGCAGAACTATCTGCCAGATGATTTCTCAGGACACCTGGCAT 245
Db 258 CAAATCTGGATGGATGCAGATCTGGCTTGCCAGAGCGGCCCTCTGGAAACTGGTGT 317
Qy 246 TTCTTCTCAGTACTGGTGA 264
Db 318 CTGTGCTCAGTGGGCTGA 336

Search completed: August 8, 2004, 05:41:06
Job time : 190.286 secs

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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 01:45:06 ; Search time 94,7909 Seconds
(without alignments)
4373,292 Million cell updates/sec

Title: US-09-717-095-1

Perfect score: 747

Sequence: 1 CTGCAAGACAGGTACCATGA.....AAATAAATGTCTATCAAC 747

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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5: /cgn2_6/ptodata/2/ina/PCTUS.COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	599.8	80.3	747	2	US-08-401-530A-1
3	586	78.4	586	3	US-09-146-969-3
4	536	71.8	558	1	US-08-909-725-4
5	304.8	40.8	762	2	US-08-822-261-2
6	304.8	40.8	762	4	US-09-226-852-2
7	296.6	39.7	797	2	US-08-464-637-1
8	296.6	39.7	797	2	US-08-822-261-5
9	296.6	39.7	797	4	US-07-226-852-5
10	287.2	38.4	798	1	US-07-778-156-12
11	287.2	38.4	798	2	US-08-822-261-6
12	287.2	38.4	798	2	US-08-422-166-12
13	287.2	38.4	798	3	US-09-146-969-2
14	287.2	38.4	798	4	US-09-226-852-6
15	279	37.3	793	1	US-07-778-156-1
16	279	37.3	793	2	US-08-422-166-1
17	255.6	34.2	522	1	US-07-778-156-4
18	255.6	34.2	522	2	US-08-422-166-4
19	212.4	28.4	602	3	US-09-385-982-257
20	209.2	28.0	474	1	US-07-778-156-8
21	209.2	28.0	474	2	US-08-422-166-8
22	143.8	19.3	777	3	US-09-146-969-1
23	120.4	16.1	610	3	US-09-385-982-229
24	102.2	13.7	590	2	US-08-454-557C-32
25	102.2	13.7	590	2	US-08-340-426D-32
26	102.2	13.7	590	2	US-08-450-673C-32
27	102.2	13.7	590	5	PCT-US95-17111A-32

Sequence 16, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 16, Appl
Sequence 1878, Ap
Sequence 1, Appli
Sequence 224, App
Sequence 319, App
Sequence 30, Appl
Sequence 9, Appli
Sequence 9, Appli
Sequence 1338, Ap
Sequence 1337, Ap
Sequence 4, Appli
Sequence 1879, Ap
Sequence 8, Appli
Sequence 8, Appli
Sequence 8, Appli

28 102 13.7 378 2 US-08-454-557C-16
29 102 13.7 378 2 US-08-340-426D-16
30 102 13.7 378 2 US-08-450-673C-16
31 102 13.7 378 5 PCT-US95-17111A-16
32 99.8 13.4 189 4 US-09-833-381-1878
33 94 12.6 94 1 US-08-909-725-1
34 92 12.3 622 3 US-09-385-982-224
35 86.4 11.6 659 3 US-09-385-982-319
36 84 11.2 368 4 US-09-621-976-30
37 73.4 9.8 306 1 US-07-778-156-9
38 73.4 9.8 306 2 US-08-422-166-9
39 70.8 9.5 467 4 US-09-833-381-1338
40 59.4 8.0 325 4 US-09-833-381-1337
41 52.4 7.0 3411 3 US-09-146-969-4
42 47.8 6.4 282 4 US-09-833-381-1879
43 46.6 6.2 140 1 US-08-518-878B-8
44 46.6 6.2 140 1 US-08-294-522B-8
45 46.6 6.2 140 2 US-08-807-861A-8

ALIGNMENTS

RESULT 1
US-08-709-662-1
; Sequence 1, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetulus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541

US-08-709-662-1

Query Match 100.0%; Score 747; DB 2; Length 747;
Best Local Similarity 100.0%; Pred. No. 1.7e-243;
Matches 747; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGCAAGACAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCT 60
DB 1 CTGCAAGACAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCT 60

QY 61 TTCTGCTGATGCT 120
DB 61 TTCTGCTGATGCT 120

QY 121 TTCAAGTATACCTGCTCCTCAAGGCTCTGTAGGCTCTGTAGGCTCTGTAGGCTCTGTAGG 180
DB 121 TTCAAGTATACCTGCTCCTCAAGGCTCTGTAGGCTCTGTAGGCTCTGTAGGCTCTGTAGG 180

QY 181 TTGTATACCAAGACCTGGTCTTAATGAGAACTATCTGCGAGATGCAATTTCTCAGGACA 240
DB 181 TTGTATACCAAGACCTGGTCTTAATGAGAACTATCTGCGAGATGCAATTTCTCAGGACA 240

QY 241 CCTGGCATTTCTCTCAGTACTGCTGAAATTAACCTGCTGCTGCTGCTGCTGCTGCTGCT 300
DB 241 CCTGGCATTTCTCTCAGTACTGCTGAAATTAACCTGCTGCTGCTGCTGCTGCTGCTGCT 300

QY 301 TTGACGGCTACCAAGTACATCTGGATTGGAATGCACTGATCCCTCAGATGCTACACTACC 360
DB 301 TTGACGGCTACCAAGTACATCTGGATTGGAATGCACTGATCCCTCAGATGCTACACTACC 360

QY 361 CAACGGAAGTGGATGGAAGTGGAGAGTTCCTCAATGCTGCTGCTGCTGCTGCTGCTGCTG 420
DB 361 CAACGGAAGTGGATGGAAGTGGAGAGTTCCTCAATGCTGCTGCTGCTGCTGCTGCTGCTG 420

QY 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
DB 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480

QY 481 TCAGAGTGGAGAGATTTTAATTTGTAAGTGGCTTCCCTATATCTGCAATTTCAAGGT 540
DB 481 TCAGAGTGGAGAGATTTTAATTTGTAAGTGGCTTCCCTATATCTGCAATTTCAAGGT 540

QY 541 CTAGGGAGTTCTAATTTCAAGCTTTGAAATTAATTAAGAGTCTCATGGAAGGAAG 600
DB 541 CTAGGGAGTTCTAATTTCAAGCTTTGAAATTAATTAAGAGTCTCATGGAAGGAAG 600

QY 601 CAAGTATGAGATTTCACTCAGGAGAGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 660
DB 601 CAAGTATGAGATTTCACTCAGGAGAGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 660

QY 661 TATATCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720
DB 661 TATATCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720

QY 721 AGAGACAAATAAATGTCATCAAC 747
DB 721 AGAGACAAATAAATGTCATCAAC 747

RESULT 2

US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Banner & Allegretti
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,530A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570.48743
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 747 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Cricetus
FEATURE:
NAME/KEY: CDS
LOCATION: 20..541
US-08-401-530A-1

Query Match 80.3%; Score 599.8; DB 2; Length 747;
Best Local Similarity 87.7%; Pred. No. 1.8e-193;
Matches 655; Conservative 0; Mismatches 92; Indels 0; Gaps 0;

QY 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCT 60
DB 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTTGGATGCTGCT 60

QY 61 TTCTGCTGCTGATGCTTCT 120
DB 61 TTCTGCTGCTGATGCTTCT 120

QY 121 TTCAAGTATACCTGCTCCTCAAGGCTCTGTAGGCTCTGTAGGCTCTGTAGGCTCTGTAGG 180
DB 121 TTCAAGTATACCTGCTCCTCAAGGCTCTGTAGGCTCTGTAGGCTCTGTAGGCTCTGTAGG 180

QY 181 TTGTATACCAAGACCTGGTCTTAATGAGAACTATCTGCGAGATGCAATTTCTCAGGACA 240
DB 181 TTGTATACCAAGACCTGGTCTTAATGAGAACTATCTGCGAGATGCAATTTCTCAGGACA 240

QY 241 CCTGGCATTTCTCTCAGTACTGCTGAAATTAACCTGCTGCTGCTGCTGCTGCTGCTGCT 300
DB 241 CCTGGCATTTCTCTCAGTACTGCTGAAATTAACCTGCTGCTGCTGCTGCTGCTGCTGCT 300

QY 301 TTGACGGCTACCAAGTACATCTGGATTGGAATGCACTGATCCCTCAGATGCTACACTACC 360
DB 301 TTGACGGCTACCAAGTACATCTGGATTGGAATGCACTGATCCCTCAGATGCTACACTACC 360

QY 361 CAACGGAAGTGGATGGAAGTGGAGAGTTCCTCAATGCTGCTGCTGCTGCTGCTGCTGCTG 420
DB 361 CAACGGAAGTGGATGGAAGTGGAGAGTTCCTCAATGCTGCTGCTGCTGCTGCTGCTGCTG 420

QY 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
DB 421 GAACCCCTCTATTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480

481 TCAGAGTGGAGAGATTTTAATGTCGAAATGAGCTTCCCTATATCTGCAATTCAGGT 540
481 TCAGAGTGGAGAGATTTTAATGTCGAAATGAGCTTCCCTATATCTGCAATTCAGGT 540
541 CTAGGCGAGTCTTAATTTCAACAGCTTGAAATATATGAGCTTCACATGGACGAAG 500
541 CTAGGCGAGTCTTAATTTCAACAGAGAGAGCTTGCCTACACCCACCAATTCCTC 500
601 CAAGTATGAGATTCCTACTCAGGAAGAGCAAGCTCTGCCCTACACCCACCAATTCCTC 560
601 TTAATCATCTCTGCTGTTTTCTTGAATTTATGAGCTTCACATGGACGAAG 560
661 TATATCATCTCTGCTGTTTTCTATCAGTATATCTGCTGCTGCTTAACCTTAAGGCTC 720
661 AAGTATGAGATTCCTACTCAGGATATCAGTATATCTGCTGCTGCTTAACCTTAAGGCTC 720
721 AGAGAACAAAATAAATATGTCATCAAC 747
721 AGAGAACAAAATAAATATGTCATCAAC 747

RESULT 3
US-09-146-969-3
; Sequence 3, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-3

Query Match 78.4%; Score 586; DB 3; Length 586;
Best Local Similarity 100.0%; Pred. No. 7.5e-189;
Matches 586; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

24 TTCCATGACCTCTGATGATGCTTGGATGCTGCTTCTGCTGATGCTTCTTCTT 83
1 TTCCATGACCTCTGATGATGCTTGGATGCTGCTTCTGCTGATGCTTCTTCTT 60

84 GGGTGGAGGTGAGATCTCAAGAAAGCTGCTTCTCAAGTATACCTGCTCAAG 143
61 GGGTGGAGGTGAGATCTCAAGAAAGCTGCTTCTCAAGTATACCTGCTCAAG 120

144 GCTCTGAGCCTATGGTCTCTTATGCTATTCATGATTTGATACCAAGCTGGTCTA 203
121 GCTCTGAGCCTATGGTCTCTTATGCTATTCATGATTTGATACCAAGCTGGTCTA 180

204 ATGAGAACTATCTGCGAGATGATTTCTCAGACACCTGGATTTCTCAGTACTG 263
181 ATGAGAACTATCTGCGAGATGATTTCTCAGACACCTGGATTTCTCAGTACTG 240

264 GTGAATTTACCTCTGCTGCTTCTTGAAGAAAGCTTTCAGCGCTTACCACTACATCT 323
241 GTGAATTTACCTCTGCTGCTTCTTGAAGAAAGCTTTCAGCGCTTACCACTACATCT 300

324 GGAATGGAAGTCCATGATCCCTCAGATGATACCTACCAAGAGTGGATGGAAGTGA 383
301 GGAATGGAAGTCCATGATCCCTCAGATGATACCTACCAAGAGTGGATGGAAGTGA 360

384 GCAGTTCGAATGCTGCTGCTTCTATTAACCTGGAGAGAAACCCCTCTATGCTGCTGACC 443
361 GCAGTTCGAATGCTGCTGCTTCTATTAACCTGGAGAGAAACCCCTCTATGCTGCTGACC 420

444 GTGGTATTTGTCATGCTCTCAGAAATCAGGTTTTTCAGAGTGGAGATTTTAATT 503

421 GGGTATTTGTCAGTTTGTCTCAGAAATCAGGTTTTTCAGAAATGAGAGATTTTAATT 480
504 GTGAAATGAGCTTCCCTATATCTGCAATTCAGGCTTAGGCGAGTCTTAATTTCAACA 563
481 GTGAAATGAGCTTCCCTATATCTGCAATTCAGGCTTAGGCGAGTCTTAATTTCAACA 540
564 GCTTGAAATATTTATGAGCTCACATGGACAAAGCAAGTATGA 609
541 GCTTGAAATATTTATGAGCTCACATGGACAAAGCAAGTATGA 586

RESULT 4
US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: INGP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELE: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-909-725-4

Query Match 71.8%; Score 536; DB 1; Length 558;
Best Local Similarity 99.1%; Pred. No. 7e-172;
Matches 539; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

86 GTGAAAGTGAAGATCTCAAGAAAGCTGCTTCTCAGTATACCTGCTCAAGGC 145
3 GCGGATCCCGAAGATCTCAAGAAAGCTGCTTCTCAGTATACCTGCTCAAGGC 62

146 TCTGTAGCTATGGTCTCTATTGCTATTCTGATTTTGATACCAAGCTGCTCTAAT 205
63 TCTGTAGCTATGGTCTCTATTGCTATTCTGATTTTGATACCAAGCTGCTCTAAT 122

206 GCAGAACTATCTCTGCCAGATGCAATTTCTCAGGACACCTGGCAATTTCTCTCAGTACTGGT 265


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; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/226,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLNOT01
; CLONE: 2072483
; US-09-226-852-2

Query Match          40.8%; Score 304.8; DB 4; Length 762;
Best Local Similarity 67.18; Pred. No. 3e-93;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

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Db 106 CAGACACTATGCTGCTCCCATGCCCTGCCAGTGTGCTGCTGATGCTGTCTTCTTCTGCCC 165

QY 69 TGATGTTCTTCTTGGTGGAGAGTGAAGATCTCAAGAACTCAAGAACTGCTTCTTCTTCTT 128
Db 166 TCATCTCTCTGTGTCAGGTTCAAGGTGAAGAACTCAAGAACTGCTTCTTCTTCTT 225

QY 129 TAACCTGTCTCAAGGCTCTGTACGCTATGCTGCTTATGCTATTTCTACTGATTTTGATAC 188
Db 226 TCAGCTGTCCCAAGGCTTCCAGGCTATGCTTCCCTGCTATGCTTGTGTTTGTCTAC 285

QY 189 CACAGACCTGTCTTAATGCAGAACTATCTCTCCAGATGCAATTTCTCAGGACACCTGGCAT 248
Db 286 CAAATCTCGATGATGATGATGCTGCTTCCAGAGCGGCCCTCTGGAAACTGGTGT 345

QY 249 TTCTTCTCAGTACTGTTGAATTAACCTTCTGCTGCTTCTTCTTCTTCTTCTTCTTCTTCT 308
Db 346 CTGTGCTCAGTGGGCTGAGGATCTCTGCTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 405

QY 309 CCTACCATGATCATCTGGATGGAATCCATGATCCCTCACATGCTACACTACCCCAACGAA 368
Db 406 GCTACTCATACATCTGATTTGGGCTCCATGATCCCAACACAGGCTCTCAGCCTGATGAG 465

QY 369 GTGGATGGAAGTGGAGCAGTTCCTAATGCTGCTGCTTCTTCTTCTTCTTCTTCTTCTTCT 428
Db 466 ATGGATGGAGTGGAGTAGCAGTGTGATGATGATTAATTTCTTCTTCTTCTTCTTCTTCTTCT 525

QY 429 CTATTTGCTGCTGACCGTGGTATTGTGAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
Db 526 CCACCATCTTAACCCCTGCGCCACTGTGGGAGCCTGTCAAGAGCAGCAGGATTTCTGAAGT 585

QY 489 GGAGAGATTTAAATTTGCAAAATAGCTTCCCTATATCTGCAAAATTTCAAGTCTTAGGCA 548
Db 586 GGAAGATTTAACTGTGATGCAAGTTACCTATGCTGCAAGTTCAAGGACTTAGGCA 645

QY 549 GTTCTTAATTTCAACAGCTTGAATAATTTATGAGCTTCACTGGACAGGAAAGCAAGTATG 608
Db 646 GGTGGGAAGTCAGCAGCCCTCAGCTTTGGCGTGCAGCTCATCTGATGATGATGATGATGATG 705
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QY 609 AGGATTCACTCAGGAAGACCAAGCTCTGCTCCTACACACCCACACC 652
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RESULT 7
US-08-464-637-1
; Sequence 1, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended)
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 43..567
; OTHER INFORMATION: /product= "human
; OTHER INFORMATION: Pancreatitis-associated protein"
; OTHER INFORMATION: /note= "See, Fig. 3"
; US-08-464-637-1

Query Match          39.7%; Score 296.6; DB 2; Length 797;
Best Local Similarity 65.8%; Pred. No. 1.9e-90;
Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTCTGTGGATGCTGTCTTCTTCTGCCC 68
Db 35 CAGACACTATGCTGCTCCCATGCCCTGCCAGTGTATCTTGGATGCTGTCTTCTTCTGCCC 94

QY 69 TGATGTTCTTCTTGGTGGAGTGAAGATCTCAAGAACTCAAGAACTGCTTCTTCTTCTT 128
Db 95 TCATGCTGCTGTCTCAGGTTCAAGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGA 154

QY 129 TAACCTGTCTCAAGGCTCTGTAGCCTATGCTGCTTATGCTATTTCTACTGATTTTGATAC 188
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Db 155 TCGCTGTCCCAAGGCTCAAGGCTATGGCTCCCACTGCTATGCTTGTGTCAC 214
Qy 189 CACAGACCTGGTCTAATGTCAGAACTATCTGCGCAGATGATTTCTCAGGACACCTGGCAT 248
Db 215 CAAATCTCTGGAGAGATGATGCTGGCTGCGAGAAAGCGGCTCTGGAACCTGGTGT 274
Qy 249 TTCTTCTCAGTACTGCTGAAATTTACCTTGTGTCCTCCCTTGTGGAAGAACAGTTTGACGG 308
Db 275 CTGTGCTCAGTGGGCTGAGGATCCTTGTGTCCTCCCTGTCGAGAGCAATTTGTAACA 334
Qy 309 CTACACAGTACATCTGATGGATGGATCCATGATCCCTCAATGTAACATCCCAACGGA 368
Db 335 GCTACTCATACGCTCTGATTTGGCTCCATGACCCACACAGGGCACCGGCCCAATGGAG 394
Qy 369 GTGGATGGAAGTGGAGCAGTTCAATGTGCTGACCTTCTATCTGAGAGGAAACCCCT 428
Db 395 AGGTGGAGTGGAGTACAGTATGATGATTTGTCATGAGAGAAATCCCT 454
Qy 429 CTATTGCTCTGACCGTGTATTTGTGCAATTTTGTCTCAGAAATCAGGTTTTCAGAAAT 488
Db 455 CCACCATCTCAAGCCCGGCCACTGTGCGAGCCTGTGAGAGCACAGCATTTCTGAGGT 514
Qy 489 GGAGAGATTTAATTTGTGAAATGAGCTTCCCTATATCTGAAAATTCAGAGTCTAGGGCA 548
Db 515 GGAAAGATTAATCTGATGTGAGGTATCCCTATGCTCTGCAAGTTCACTGACTAGTGCA 574
Qy 549 GTTCTAATTTCAACAGCTTGAAATATTTAAGCTTCACATGACAGGAGCAAGTATG 608
Db 575 GGAGGAAGTCAAGCCCTGTGTTGGTGTGCACTCATGCGGATGAGACCATGTTG 634
Qy 609 AGGATTCATCAGGAGAGCAAGCTCTGCTCAGACCCACACCAATCCCTTAT 663
Db 635 AGGACTCACCTGGAAGAAATTTGCTTAAATTCCTCCCAACCTGACCACTCAT 689
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RESULT 8

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US-08-822-261-5
; Sequence 5, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEPATITIS-ASSOCIATED
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
US-08-822-261-5
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Query Match 39.7%; Score 296.6; DB 2; Length 797;
Best Local Similarity 65.8%; Pred. No. 1.9e-90;
Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;
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Qy 9 CAGGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTCTGCGC 68
Db 35 CAGACACTATGCTGCTCCATGGCCCTGCCAGTGATCTTGGATGCTGCTTCTGCGC 94
Qy 69 TGATGTTCCCTTTCTTGGTGGAGGTGAAGAATCTCAAAAGAAACTGSCCTTCTTCACGTA 128
Db 95 TCATGCTGCTGCTCAGGTTCAGGTGAAGAACCCAGAGGGAACCTGCTCTGCAACGGA 154
Qy 129 TAACCTGCTCAAGCTCTGTAGCTATGGTCTTATTTGCTATTTACCTGATTTGATAC 188
Db 155 TCCGCTGTCCAAAGGCTCAAGGCTATGGCTCCCACTGCTATGCTTGTGTTGTCAC 214
Qy 189 CACAGACCTGCTTAATGACAGAACTATCTGCGCAGATGATTTCTCAGGACACCTGCGCAT 248
Db 215 CAAATCTGGACAGATGAGATCTGGCTGCGAGGCGCCCTCTGGAACCTGGTGT 274
Qy 249 TTCTTCTCAGTACTGGTGAATTTACCTTGTGCTCTCTCTCTCTGTAAGAACAGTTTGACGG 308
Db 275 CTGTGCTCAGTGGGCTGAGGATCCTTGTGCTCTCTCTCTCTGTAAGAGCATTTGGTAACA 334
Qy 309 CTTACACAGTACATCTGATTTGAGCTTCCATGATCCCTCAGATGATGTAACCTACCAACGGA 368
Db 335 GCTACTCATACCTCTGGATTTGGCTTCCATGACCCACACAGGGCACCGGCCCAATGGAG 394
Qy 369 GTGGATGGAAGTGGAGCAGTTCCAATGTGCTCAGCTTCTATACTGAGGAGAGAACCCCT 428
Db 395 AGGTGGAGTGGAGTACAGTATGATGATTTGTCATGAGAGAAATCCCT 454
Qy 429 CTATTGCTCTGACCGTGTATTTGTGCAATTTTGTCTCAGAAATCAGGTTTTCAGAAAT 488
Db 455 CCACCATCTCAAGCCCGGCCACTGTGCGAGCCTGTGAGAGCACAGCATTTCTGAGGT 514
Qy 489 GGAGAGATTTAATTTGTGAAATGAGCTTCCCTATATCTGAAAATTCAGAGTCTAGGGCA 548
Db 515 GGAAAGATTAATCTGATGTGAGGTATCCCTATGCTCTGCAAGTTCACTGACTAGTGCA 574
Qy 549 GTTCTAATTTCAACAGCTTGAAATATTTAAGCTTCACATGACAGGAGCAAGTATG 608
Db 575 GGAGGAAGTCAAGCCCTGTGTTGGTGTGCACTCATGCGGATGAGACCATGTTG 634
Qy 609 AGGATTCATCAGGAGAGCAAGCTCTGCTCAGACCCACACCAATCCCTTAT 663
Db 635 AGGACTCACCTGGAAGAAATTTGCTTAAATTCCTCCCAACCTGACCACTCAT 689
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RESULT 9

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US-09-226-852-5
; Sequence 5, Application US/09226852
; Patent No. 6492499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEPATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
```

STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: US/09/226,852
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/822,261
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 797 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 262368
US-09-226-852-5

Query Match 39.7%; Score 296.6; DB 4; Length 797;
Best Local Similarity 65.8%; Pred. No. 1.9e-90;
Matches 431; Conservative 0; Mismatches 224; Indels 0; Gaps 0;

Qy	9	CAGGTACCATGATGCTTCCCATGACCTCTGTAGATGCTCTTGATGCTGCTTTCCTGCC	58
Db	35	CAGACACTATGCTGCTCCCTCCCATGCCCTGCCCATGTATCTTGATGCTGCTTTCCTGCC	94
Qy	69	TGATGTTCTTCTTGGTGAAGTGAAGTATCTCAAAAGAACTGCTTTCACGTA	128
Db	95	TCATGCTGCTCTCAGGTTCAAGTGAAGAACCCAGAGGAAGTGCCTCTGCACGA	154
Qy	129	TAACTGTCTCAAGGCTCTGTAGCCTATGGGTCTTATGCTATTCACGTATTTGATAC	188
Db	155	TCCGCTGTCCAAAGGCTCCAAAGGCTATGGCTCCCACTGCTATGCTTGTGTTGTAC	214
Qy	189	CACAGACTGCTTAATGACAGAACTATCTCCAGATGCAATTTCTCAGACACCTGGCAT	248
Db	215	CAAACTCTGACAGATGAGATCTGGCTGCCAGAGCGCCCTCTCGAAACCTGGTGT	274
Qy	249	TTCCTCTCAGTACTGGTGAATTAACCTTCGTCTCCTCCCTTGTGAAGAACAGTTTGACGG	308
Db	275	CTGTGCTCAGTGGGCTGAGGATCCTTCGTCTCCTCCCTGCTGTAAGAGCATTTGTAACA	334
Qy	309	CCTACCACTAGATCTGGATTGGAATCCATGATCCCTCACTGATGCTATCCCAACGAA	368
Db	335	GCTACTCATAGCTCTGGATTGGGCTCCATGATGATGATGATGATGATGATGATGATGATG	394
Qy	369	GTGATGGAAGTGGAGAGTTCATGCTGCTGACCTCTTATACTGAGGAGGACCCCT	428
Db	395	AAGGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAGT	454
Qy	429	CTATTGCTGCTGACCGTGGTATTGTCAGTATTTGCTCAGAAATCAGGTTTTCAGAAAT	488
Db	455	CCACCATCTCAAGCCCGCCACTGTGCGAGCTGTGCGAGAGCAGCAATTTCTGAGGT	514
Qy	489	GGAGAGATTTTAATTTGAAATAGAGTTCCTATATCTGCAAAATCAAGGTCTTAGGGCA	548
Db	515	GGAAAGATTAATACTGTAATGTGAGGTTACCCCTATGCTGCAAGTTCACTGACTAGTGA	574

Qy	549	GTCTTAATTTCAACAGCTTGAATAATATGAACTCACATGACAGGAAGCAAGTATG	608
Db	575	GGAGGAGTCAAGAGCTGTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTG	634
Qy	609	AGGATTCACCTCAGGAAGCAAGCTCTGCTTACACACCCACCAATTCCTTTAT	663
Db	635	AGGACTCACCTGGAAGAGAATATTCGTTAATTCCTCCCACTGACCACTCAT	689

RESULT 10
US-07-778-156-12
Sequence 12, Application US/07778156
Patent No. 5436169
GENERAL INFORMATION:
APPLICANT: IOVANNA, JUAN-LUCIO
APPLICANT: KEIM, VOLKER
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
TITLE OF INVENTION: PANCREATITIS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,156
FILING DATE: 19911219
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5436169man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 798 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: pancreas
US-07-778-156-12

Query Match 38.4%; Score 287.2; DB 1; Length 798;
Best Local Similarity 65.9%; Pred. No. 2.9e-87;
Matches 432; Conservative 0; Mismatches 223; Indels 1; Gaps 1;

Qy	9	CAGGTACCATGATGCTTCCCATGACCTCTGTAGATGCTCTTGATGCTGCTTTCCTGCC	68
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Db	95	TCATGCTGCTCTCAGGTTCAAGTGAAGAACCCAGAGGAAGTGCCTCTGCACGA	154
Qy	129	TAACTGTCTCAAGGCTCTGTAGCCTATGGGTCTTATGCTATTCACGTATTTGATAC	188
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; ORIGINAL SOURCE:
; ORGANISM: rat
; TISSUE TYPE: pancreas
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 62..613
US-07-778-156-1

Query Match 37.3%; Score 279; DB 1; Length 793;
Best Local Similarity 65.6%; Pred. No. 1.8e-84;
Matches 422; Conservative 0; Mismatches 220; Indels 1; Gaps 1;

QY 5 AAGACAGGTACCATGATGCTTCCATGACCTCTGTAGAGTGTCTGGATGCTGCTTTCC 64
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Db |||||
QY 65 TGGCTGATGTCCTTTCTGGTGGAGGTTGAAGAATCTCAAAAGAAACTGCCCTTTCTCA 124
Db |||||
QY 110 TGGCTGATGCTTTATCACAGGTGCAAGGAGAGACTCTCGAAGAAATACCCCTCTGCA 169
Db |||||
QY 125 CGTATAACCTGCTCTCAAGCTCTGTAGCCTATGGGTCTTATTCACCTGATTTTG 184
Db |||||
QY 170 CGCATTTAGTTGCCCAAGGCTCCAGGCATATGGCTCTACTGCTATGCCCTGTTTCAG 229
Db |||||
QY 185 ATACCACAGACCTGGTCTAATGACAGAACTATCCTGCCAGATGCAATTTCTCAGGACACTG 244
Db |||||
QY 230 ATACCACAGACCTGGTGTGATGCAAACTGGCTGCCAGAGAGACCTGAGGACACTT 289
Db |||||
QY 245 GCATTTCTTCTCAGTACTGTTGAATTTACCTTCGTCTCCCTTGTGAAGAACAGTTTG 304
Db |||||
QY 290 GTATCTGTCTCAATGTAGCTGAAGCTTCATTTCTGGCATCCATGGTCAAGAACACTGGA 349
Db |||||
QY 305 ACGGCTTACAGTACATCTGGATTGGAGCTGATCCCTCACATGCTACACTACCGAAC 364
Db |||||
QY 350 AACAGCTACCAATATACCTGGATTGGACTCCATGACCCCACTCTTGGTGGAGAACCCAA 409
Db |||||
QY 365 GGAAGTGGATGGAAGTGGAGCAGTTCCAAATGTGCTGACCTTCTATATACTGGGAGAGAAC 424
Db |||||
QY 410 GGAGTGGATGGGAGTGGAGTAAACAATGACATATGATTAATGTCACCTGGGAGAGAAC 469
Db |||||
QY 425 CCCTCTATGCTGCTGACCGTGGTTATTTGTCAGTCTTGTCTCAGAAATCAGGTTTTCAG 484
Db |||||
QY 470 CCATCTACTGCTTAGACCGCGGATTCGTGGCAGCTTGTCAAGATCTTCTGGATTCTA 529
Db |||||
QY 485 AAGTGGAGAGATTTTAATTTGTAATG-AGCTTCCCTATATCTGCAATTCAGGTCTA 543
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QY 530 AGATGGAGAGATACCAATGTAAGTTGAAGTTGCCCTTACGCTGCAAAATTTACAGTTA 589
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QY 544 GGGCAGTTCTAATTTCAACAGCTTGAAATATTAATGAAGCTCACATGGACAAGGAAGCAA 603
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QY 590 AAATTACCAGACAGCAACAGCTTTAGTTTGTCTGAGCACATCTCTCAAGGGGCAAA 649
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Job time : 98.7909 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 8, 2004, 02:55:42 ; Search time 533.571 Seconds
(without alignments)
6864.396 Million cell updates/sec

Title: US-09-717-095-1

Perfect score: 747

Sequence: 1 CTGCAAGACAGGTACCATGA.....AAAATAAATGTCATCAAC 747

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 6445838

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Maximum Match 0%

Listing first 45 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	599.8	80.3	747	16	US-10-421-363-2
2	586	78.4	586	9	US-09-739-262-3
3	333.6	44.7	525	17	US-10-231-494-18
4	304.8	40.8	762	15	US-10-316-761-2
5	304.8	40.8	859	9	US-09-978-295A-451
6	304.8	40.8	859	9	US-09-978-697-451
7	304.8	40.8	859	9	US-09-978-192A-451
8	304.8	40.8	859	9	US-09-999-832A-451
9	304.8	40.8	859	10	US-09-978-189-451
10	304.8	40.8	859	10	US-09-978-608A-451
11	304.8	40.8	859	10	US-09-978-585A-451
12	304.8	40.8	859	10	US-09-978-191A-451
13	304.8	40.8	859	10	US-09-978-403A-451
14	304.8	40.8	859	10	US-09-978-564A-451

15 304.8 40.8 859 10 US-09-999-833A-451
16 304.8 40.8 859 10 US-09-981-915A-451
17 304.8 40.8 859 10 US-09-978-824-451
18 304.8 40.8 859 10 US-09-318-585A-451
19 304.8 40.8 859 10 US-09-978-423A-451
20 304.8 40.8 859 10 US-09-978-193A-451
21 304.8 40.8 859 10 US-09-999-830A-451
22 304.8 40.8 859 10 US-09-978-757A-451
23 304.8 40.8 859 10 US-09-978-187B-451
24 304.8 40.8 859 10 US-09-978-643A-451
25 304.8 40.8 859 10 US-09-978-375A-451
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38 304.8 40.8 859 13 US-10-201-858-423
39 304.8 40.8 859 13 US-10-081-056-119
40 304.8 40.8 859 13 US-09-999-831A-451
41 304.8 40.8 859 13 US-10-205-890-423
42 304.8 40.8 859 13 US-10-208-024-423
43 304.8 40.8 859 13 US-10-201-853-423
44 304.8 40.8 859 13 US-10-013-917A-451
45 304.8 40.8 859 13 US-10-174-581-423

ALIGNMENTS

RESULT 1
US-10-421-363-2
; Sequence 2, Application US/10421363
; Publication No. US20040018623A1
; GENERAL INFORMATION:
; APPLICANT: Rosenberg, Lawrence
; TITLE OF INVENTION: MEDIUM FOR PREPARING DEDIFFERENTIATED
; FILE REFERENCE: 701826-05621-CIP
; CURRENT APPLICATION NUMBER: US/10/421,363
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: US 10/111,485
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: PCT/CA00/01284
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,137
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 747
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mammalian INGP
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (20)...(541)
US-10-421-363-2

Query Match 80.3%; Score 599.8; DB 16; Length 747;

Best Local Similarity 87.7%; Pred. No. 5.8e-187; Indels 0; Gaps 0;
Matches 655; Conservative 0; Mismatches 92;

QY 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCT 60

DB 1 CTGCAAGACAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCT 60

Qy	61	TTCTCGCTGA	TGTTCCCTTTCTTGGTGGGAAGGTGAAGAA	TCTCAAAAGAACTGCC	TTTC	120
Db	61	TTCTCGCTGA	TGTTCCCTTTCTTGGTGGGAAGGTGAAGAA	TCTCAAAAGAACTGCC	TTTC	120
Qy	121	TTCAAGTATA	ACCTGTGCTCAAGGCTCTGTAGCCTATCGGTGCTTATTCGTATTCAC	TGAT	180	
Db	121	TTCAAGTATA	ACCTGTGCTCAAGGCTCTGTAGCCTATCGGTGCTTATTCGTATTCAC	TGAT	180	
Qy	181	TTTGATACCA	CAGACCTGGTCTAATGCGAAGAACTATCTGCCAGATGCATTTCTCAGGACA	240		
Db	181	TTTGATACCA	CAGACCTGGTCTAATGCGAAGAACTATCTGCCAGATGCATTTCTCAGGACA	240		
Qy	241	CCTGGCATTT	CTCTCAGTACTGTGGTAAATTAACCTTCGTGTCCCTCGTGTGAAGAACAG	300		
Db	241	CCTGGCATTT	CTCTCAGTACTGTGGTAAATTAACCTTCGTGTCCCTCGTGTGAAGAACAG	300		
Qy	301	TTTGACGGCCT	ATCCAGTACATCTCGGATTTGGACTCCATGATCCCTCACATGGTACACTACC	360		
Db	301	TTTGACGGCCT	ATCCAGTACATCTCGGATTTGGACTCCATGATCCCTCACATGGTACACTACC	360		
Qy	361	CAACGGAGTGA	TGGAGTGGAGCAGTCCAAATGCTGTGACCTTCTATACTGGGAG	420		
Db	361	CAACGGAGTGA	TGGAGTGGAGCAGTCCAAATGCTGTGACCTTCTATACTGGGAG	420		
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Db	421	GAACCCCTCT	ATTGCTGTGACCGGTGTTATTTGTGCAGTTTGTCTCGAAATCAGGTTT	480		
Qy	481	TCAGAAGTGA	GAGATTTTAAATTTGGAATAGAGCTTCCCTATATCTCGAAATTCAGGT	540		
Db	481	TCAGAAGTGA	GAGATTTTAAATTTGGAATAGAGCTTCCCTATATCTCGAAATTCAGGT	540		
Qy	541	CTAGGCAGTT	CTAAATTCACACAGCTTCAAAATATTATGAAGCTCACATGACACAGGAAG	600		
Db	541	CTAGGCAGTT	CTAAATTCACACAGAGCAGCTCTGCTACACACCCACACAAATTCCT	600		
Qy	601	CAAGTATGA	GAGATTCACTCAGAGAGAGCAGCTCTGCGCTACACACCCACACAAATTCCT	660		
Db	601	TTATATCAT	CTCTCTGCTGTTTTTCTTGAATATTATTATGAAGCTCACTGGACAGGAAGC	660		
Qy	661	TATATCAT	CTCTGCTGTTTTTCTATCAGTATATTCTGTGGTGGCTGTAACTTAAAGGCTC	720		
Db	661	AAGTATGA	GGAATTCACCTCAGGATATCAGTATATTCTGTGGTGGCTGTAACTTAAAGGCTC	720		
Qy	721	AGAGAACAAA	ATAATTTGTCATCAAC	747		
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RESULT 2
US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chrom
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3

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Query Match          78.4%; Score 586; DB 9; Length 586;
Best Local Similarity 100.0%; Pred. No. 1.8e-182;
Matches 586; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy	84	GGGTGGAAGGTGAAGATCTCAAAGAAACCTGCCCTTTCACGTATAACCTGTCTCAAG	143
Db	61	GGGTGGAAGGTGAAGATCTCAAAGAAACCTGCCCTTTCACGTATAACCTGTCTCAAG	120
Qy	144	GCTCTGTAGCCTATGGGTCTTATTTGCTATTCACTGATTTTGATACACAGACCTGGTCTA	203
Db	121	GCTCTGTAGCCTATGGGTCTTATTTGCTATTCACTGATTTTGATACCAAGACCTGGTCTA	180
Qy	204	ATGCAGAACTATCTGCACAGATGATTTCTCAGGACACCTGGCACTTCTTCAGTACTG	263
Db	181	ATGCAGAACTATCTGCACAGATGATTTCTCAGGACACCTGGCACTTCTTCAGTACTG	240
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Qy	324	GGATTGGAATCTCATGATCCCTCCATCGGTACACTACCCAAAGGAGTGATGGAAGTGA	383
Db	301	GGATTGGAATCTCATGATCCCTCCATCGGTACACTACCCAAAGGAGTGATGGAAGTGA	360
Qy	384	GCAGTTCCAAATGTGCTGACCTTCTATTAACCTGGGAGAGAAACCCCTCTATTTGCTGTGACC	443
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Qy	444	GTGGTTATTTGTCAGTTTGTCTCAGAAATCAGTTTTTCAGAGTGGAGAGATTTAATT	503
Db	421	GTGGTTATTTGTCAGTTTGTCTCAGAAATCAGTTTTTCAGAGTGGAGAGATTTAATT	480
Qy	504	GTGAAAATGAGCTTCCCTTATATCTGCAAAATTCAGAGTCTAGGGCAGTTTCTAATTTCAACA	563
Db	481	GTGAAAATGAGCTTCCCTTATATCTGCAAAATTCAGAGTCTAGGGCAGTTTCTAATTTCAACA	540
Qy	564	GCTTGAATAATTAATGAAGCTCATATGGACAAAGGAAGCAATATGA	609
Db	541	GCTTGAATAATTAATGAAGCTCATATGGACAAAGGAAGCAATATGA	586

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RESULT 3
US-10-231-494-18
; Sequence 18, Application US/10231494
; Publication No. US20040023334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGap
; OTHER INFORMATION: sequences
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(525)
US-10-231-494-18

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Query Match      44.7%; Score 333.6; DB 17; Length 525;
Best Local Similarity 77.3%; Pred. No. 4.4e-99;
Matches 405; Conservative 0; Mismatches 119; Indels 0; Gaps 0;
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QY 77 CTCTCTTGGGTGGAAGTGAAGATCTCAAAAGAACTGCTTCTTCAAGTATTAACCTGT 136
Db 61 TTGCTCTGGGTGGAAGTGAAGATCTCAAAAGAACTGCTTCTTCAAGTATTAACCTGT 120
QY 137 CCTCAAGGCTCTGAGCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 196
Db 121 CCACAGGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 180
QY 197 TGGTCTAATGACGAACTATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 256
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QY 317 TACATCTGGATGGAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 376
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US-10-316-761-2
; Sequence 2, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEALITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-Seq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/316,761
; FILING DATE: 10-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/822,261
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PP-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
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; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLJNOT01
; CLONE: 2072483
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-316-761-2
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Query Match 40.8%; Score 304.8; DB 15; Length 762;
Best Local Similarity 67.1%; Pred. No. 1.8e-89;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGTACCATGATGCTTCCCATGACCTCTGTAGGATGCTTGGATGCTGCTTCTCTGCCC 68
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QY 69 TGATGTTCCCTTCTTGGGTGAAGTGAAGATCTCAAGAAACTGCTTCTTCTTCTTCTT 128
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QY 129 TAACCTGCTCTCAAGGCTCTGTAGCCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 188
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Db 526 CCACCATCTTAAACCTGGCCACTGTGGGAGCTGTCAAGAGCACAGATTTCTGAAGT 585
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RESULT 5

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US-09-978-295A-451
; Sequence 451, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
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APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William L.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC11
CURRENT APPLICATION NUMBER: US/09/978,295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 607/085579
PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 607/085580
PRIOR FILING DATE: 1998-05-15	PRIOR APPLICATION NUMBER: 607/085580

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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      40.8%  Score 304.8; DB 9; Length 859;
Best Local Similarity 67.18; Pred. No. 2e-89;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTGTGGATGCTGCTTTCCTGCC 68
Db 78 CAGACACTATGCTGCTCCCTCCCATGACCCCTGCCAGCTGTGCTGATGCTGCTTTCCTGCC 137
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Db 138 TCATTCTCCTGTGTGAGGTTCAGAGTGAAGAAACCCAGAGAACTGCTCTCCCGGA 197
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QY 429 CTATTGCTGCTGACCGTGGTTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAAGT 488
Db 498 CCACCATCTTAAACCCCTGGCCACTGTGGGAGCCTGTCAAGAAAGCACAGGATTTCTGAAGT 557
QY 489 GGAGAGATTTTAAATGTGAAAATGAGCTTCCCTATATCTGCAAAATCAAGGTCTTAGGSCA 548
Db 558 GGAAGATTATTAATGTGATGCAAGTTACCTATGCTGCAAGTTCAAGGACTTAGGSCA 617
QY 549 GTTCTAATTTCAACAGCTTGAATAATTTATGAAGCTCATGGAAGCAAGCAAGTATG 608
Db 618 GGTGGGAAGTCAGCAGCCTCAGCTTGGCGTGCAGCTCATGACATGAGACCAAGTGTG 677
QY 609 AGGATTCATCAGGAAGGCAAGCTCTGCTTACACCCACACC 652
Db 678 AAGACTCACCTGGAAGAGAATATTTCTCCCAAACTGCCCTACC 721
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US-09-978-192A-451
; Sequence 451, Application US/09978192A
; Patent No. US2002017553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```

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; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann.
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C9
; CURRENT APPLICATION NUMBER: US/09/978,192A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
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; PRIOR FILING DATE: 1997-11-13
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; PRIOR APPLICATION NUMBER: 60/077791
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Db 618 GGTGGAGATCAGCAGCCTCAGCTTGGGCTGCAGCTCATGACATGAGACCAAGTGTG 677
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RESULT 8
US-09-999-832A-451
; Sequence 451, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: ROY, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C63
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; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22

APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          40.8%; Score 304.8; DB 10; Length 859;
Best Local Similarity 67.1%; Pred. No. 2e-89;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 68
Db 78 CAGACACTATGCTGCTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 137
QY 69 TGAATGCTCTTCTTGGTGGAGGTAAGATCTCAAAGAACTGCTTCTTACGTA 128
Db 138 TCATTTCTCTGTGTCAGGTTCAAGGTGAAGAACTGCTTCTTACGTA 197
QY 129 TAACCTGTCTCAAGGCTCTGTAGGCTATGCTTGGTCTTATTCACATGATTTGATAC 188
Db 198 TCAGCTGTCCAAAGGCTCAAGGCTATGCTTGGTCTTATTCACATGATTTGATAC 257
QY 189 CAGACACTGCTTAAATGACAACTATCTTCCAGATGATCTTCTCAGGACACCTGGCAT 248
Db 558 GGAAGATTATTAATGTAAGCAAGGTTACCTTATGCTCAAGATTCAGGACTAGGCA 617
QY 549 GTTCTAATTTCAACAGCTTGAATAATATATAGCTCAGATGACAGGAAAGCAAGTATG 608
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Db 618 GGTGGGAAGTCAGCAGCCTCAGCTTGGCGTGCAGCTCATCATGACATGAGACAGTGTG 677
QY 609 AGGATTCACCTCAGGAAGCAAGCTCTGCTTACACACCCACACC 652
Db 678 AAGACTCACCTGGAAGAGAATATTTCTCCCAAACTGCCCTACC 721

RESULT 10
US-09-978-608A-451
; Sequence 451, Application US/09978608A
; Publication No. US20030045462A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Pong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC22
; CURRENT APPLICATION NUMBER: US/09/978,608A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 451
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-608A-451

Query Match          40.8%; Score 304.8; DB 10; Length 859;
Best Local Similarity 67.1%; Pred. No. 2e-89;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGGTACCATGATGCTTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 68
Db 78 CAGACACTATGCTGCTCCCATGACCCCTCTGTAGGATGCTTGGATGCTGCTTTCCTGCC 137
QY 69 TGAATGCTCTTCTTGGTGGAGGTAAGATCTCAAAGAACTGCTTCTTACGTA 128
Db 138 TCATTTCTCTGTGTCAGGTTCAAGGTGAAGAACTGCTTCTTACGTA 197
QY 129 TAACCTGTCTCAAGGCTCTGTAGGCTATGCTTGGTCTTATTCACATGATTTGATAC 188
Db 198 TCAGCTGTCCAAAGGCTCAAGGCTATGCTTGGTCTTATTCACATGATTTGATAC 257
QY 189 CAGACACTGCTTAAATGACAACTATCTTCCAGATGATCTTCTCAGGACACCTGGCAT 248
Db 258 CAAATCTTGAATGATGATGATCTGCTTGGTGGAGGCGGCTCTTGGAAACTGGTGT 317
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249 TTCTTCTCAGTACTGGTGGAATTAACCTTGGTGCTCCCTGTTGGAAGAACAGTTTGACGG 308
Db CTGTGCTCAGTGGGCTGAGGGATCCCTTGGTGCTCCCTGGTGAGAGCAATTAGTAACA 377
QY CCTACCAAGTACATCTGGATTGGACTCCCATGATCCCTCACATGGTACACTACCCAAACGAA 368
Db GCTACTCATACATCTGGATTGGCTCCATGATGACCCACACAGGGCTCTGAGCCTGATGGAG 437
QY GTGATGGAAGTGGAGCAGTTCATATGTGCTGACCTTCTATTAATCTGGAGAGGACCCCT 428
Db ATGATGGGAGTGGAGTAGCACTGATGTGATGAATTAATTTTGCATGGGAGAAATCCCT 497
QY CTATTTGCTGCTGACCGTGGTTATTGTGTCAGTTTGTCTCAGAAATCAGTTTTCAGAGT 488
Db CCACATCTTAAACCTGGCCACTGTGGGAGCCTGTCAAGAGCACAGGATTTCTGAAGT 557
QY GGAGAGATTTTAAATTTGTAATGAGCTTCCCTATATCTGCAAAATCAAGTCTTAGGGCA 548
Db GGAAGATTTAACTGTGATGCAAAATTTACCTATGTCTGCAAGTTCAAGGACTAGGGCA 617
QY GTTCTAATTTCAACAGCTTGAATAATTTATGAAGCTACATGGGACAGGAAGCAAGTATG 608
Db GGTGGAGTCAAGAGCTCAGCTTGGCGTCAGCTCATATGACATGACACCATGAGTGTG 677
QY AGGATTCACCTCAGGAAGCAAGCTCTGCCTACACACCCACACC 652
Db AAGACTACCTCGAAGAGAAATATTCTCCCAAACTGCCCTACC 721

RESULT 11

US-09-978-585A-451

; Sequence 451, Application US/09978585A

; Publication No. US2003049633A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas P.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630PIC15

; CURRENT APPLICATION NUMBER: US/09/978,585A

; CURRENT FILING DATE: 2001-10-16

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 451

; LENGTH: 859

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-978-585A-451

Query Match 40.8%; Score 304.8; DB 10; Length 859;
Best Local Similarity 67.1%; Pred. No. 2e-89;
Matches 432; Conservative 0; Mismatches 212; Indels 0; Gaps 0;

QY 9 CAGTAGCATGATGCTTCCCATGACCTCTGTAGGATGTCTTGGATGCTGTCTTCTGCTGCC 68
Db CAGACACTATGCTGCTCCCATGCCCTGCCAGTGTCTGCTGATGCTGTCTTCTGCTGCC 137
QY 69 TGATGTTCTTTCTTGGGTGAAGTGAAGATCTCAAAGAAACTGCTTCTTTCACGTA 128
Db TCATTTCTCTGTGTCAAGTGAAGAAACCCAGAGAACTGCCCTCTCCACGGA 197
QY 129 TAACCTGTCTCAAGGCTCTGTAGCTTATGGTCTTATTTGCTATTTCTACTGATTTGTATC 188
Db 198 TCAGCTGTCCCAAGGCTTCCAGGCTTATGGCTCCCTGCTATGCTTGTGTTTGTAC 257
QY 189 CACAGACCTGTCTPAATGCAAACTATCTCTCCAGATGCAATTTCTCAGGACACCTGGCAT 248
Db 258 CAAATCCTGTGATGATGAGATCTGGCTTGCAGAGAGCGGCCCTCTGGAAACTGGTGT 317
QY 249 TTCTTCTCAGTACTGTGTAATTAACCTTCTGTGCTCTGCTTGTGTAAGAAAGTGTGACGG 308
Db 318 CTGTGCTCAGTGGGCTGAGGGATCCTTCTGTGCTCTCCCTGGTGGAGGCAATTAGTAACA 377
QY 309 CCTACCAGTACATCTGGATTGGACTCCATGATCCCTCACATGGTACACTACCCAAACGAA 368
Db 378 GCTACTCATCATCTGGATTGGGCTCCATGATGATGATGATGATGATGATGATGATGATG 437
QY 369 GTGGATGGAAGTGGAGCAGTTCCAAATGTGTGATGCTTCTTATACTGGGAGAGGAACCCCT 428
Db 438 ATGGATGGAGTGGAGTAGCACTGATGTGATGAATTAATTTTGCATGGGAGAAATCCCT 497
QY 429 CTATTTGCTGACCGTGGTTATTGTGTCAGTTTGTCTCAGAAATCAGTTTTCAGAGT 488
Db 498 CCACCATCTTAAACCTGGCCACTGTGGGAGCCTGTCAAGAGCAACAGGATTTCTGAAGT 557
QY 489 GGAGAGATTTTAAATTTGTAATGAGTTCCTCTATATCTGCAAAATTCAGAGTCTTAGGCA 548
Db 558 GGAAGATTTAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 617
QY 549 GTTCTAATTTCAACAGCTTGAATAATTTATGAAGCTCACATGGGACAGGAAGCAAGTATG 608
Db 618 GGTGGAGTCAAGCAGCCTCAGCTTGGCGTGCAGTCTATCATGACATGACACCATGAGTGTG 677
QY 609 AGGATTCACCTCAGGAAGAGCAGCTCTGCCTACACACCCACACC 652
Db 678 AAGACTACCTCGAAGAGAAATATTCTCCCAAACTGCCCTACC 721

RESULT 12

US-09-978-191A-451

; Sequence 451, Application US/09978191A

; Publication No. US20030050239A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: F2630P1C4
CURRENT APPLICATION NUMBER: US/09/978,191A
CURRENT FILING DATE: 2001-10-15
PRIORITY APPLICATION NUMBER: 09/918585
PRIORITY FILING DATE: 2001-07-30
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PRIORITY APPLICATION NUMBER: 60/082568
PRIORITY FILING DATE: 1998-04-21
PRIORITY APPLICATION NUMBER: 60/082569
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PRIORITY FILING DATE: 1998-04-29
PRIORITY APPLICATION NUMBER: 60/083742
PRIORITY FILING DATE: 1998-04-30
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PRIORITY FILING DATE: 1998-05-05
PRIORITY APPLICATION NUMBER: 60/084414
PRIORITY FILING DATE: 1998-05-06
PRIORITY APPLICATION NUMBER: 60/084441
PRIORITY FILING DATE: 1998-05-06
PRIORITY APPLICATION NUMBER: 60/084637
PRIORITY FILING DATE: 1998-05-07

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Db 378 GCTACTCATACATCTGGATTTGGCTCCATGATCCCTCAGATGGTCTGAGCTGATGGAG 437
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Db 438 ATGATGGAATGAGGAGTGTCCAAATGCTGACCTTCTAATCTGAGAGAGAAACCTCT 497
Qy 429 CTATGCTGCTGACGCTGCTTATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 488
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Db 558 GGAAGATTTAACTGTGATGCAAGTTACCTATGCTGCAAGTTCAAGGACTAGGGCA 617
Qy 549 GTTCTAATTTCAACAGCTTGAATATATTTAAGCTCATGAGCAAGCAAGCAAGTATG 608
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RESULT 14

US-09-978-564A-451
; Sequence 451, Application US/09978564A
; Publication No. US20030050241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C25
; CURRENT APPLICATION NUMBER: US/09/978,564A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
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; PRIOR FILING DATE: 1998-03-31
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; PRIOR FILING DATE: 1998-04-01
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; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08

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RESULT 15

US-09-999-833A-451
; Sequence 451, Application US/09999833A
; Publication No. US20030054405A1

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.

; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC65
; CURRENT APPLICATION NUMBER: US/09/999,833A

; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17
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; PRIOR FILING DATE: 1998-04-28
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; PRIOR FILING DATE: 1998-04-29

GenCore version 5.1.6
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(without alignments)
1192.117 Million cell updates/sec

Title: US-09-717-095-2

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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Database :

Issued Patents NA.*

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6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	949	99.1	586	3	US-09-146-969-3
4	819	85.5	558	1	US-08-909-725-4
5	584	61.0	793	1	US-07-778-156-1
6	584	61.0	793	2	US-08-422-166-1
7	572	59.7	797	2	US-08-464-637-1
8	572	59.7	797	2	US-08-822-261-5
9	572	59.7	797	4	US-09-228-852-5
10	566	59.1	522	1	US-07-778-156-4
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14	566	59.1	798	2	US-08-422-166-12	Sequence 12, Appli
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22	381.5	39.8	777	3	US-09-146-969-1	Sequence 1, Appli
23	276.5	28.9	590	2	US-08-454-557C-32	Sequence 32, Appli
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32	190	19.8	614	2	US-08-729-103-2	Sequence 2, Appli
33	190	19.8	1114	2	US-08-468-413-1	Sequence 1, Appli
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37	174	18.2	368	4	US-09-621-976-30	Sequence 30, Appli
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39	166.5	17.4	508	4	US-09-621-976-952	Sequence 952, App
40	166	17.3	189	4	US-09-833-381-1878	Sequence 1878, Ap
41	163	17.0	3411	3	US-09-146-969-4	Sequence 4, Appli
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43	157	16.4	4588	3	US-08-840-062-1	Sequence 1, Appli
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45	156	16.3	5633	4	US-09-023-655-1490	Sequence 1490, Ap

ALIGNMENTS

RESULT 1

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; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Baumer & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/401.530A
; APPLICATION NUMBER: 22-FEB-1995
; FILING DATE: 800
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299

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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetus
; NAME/KEY: CDS
; LOCATION: 20..541
; US-08-401-530A-1

Alignment Scores:
Pred. No.: 1,56e-104 Length: 747
Score: 958.00 Matches: 174
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US-09-717-095-2 (1-174) x US-08-401-530A-1 (1-747)

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QY 121 TrpSerSerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAla 140
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DB 440 GACCGTGGTTATTGTGCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGATTTT 499
QY 161 AsnCysGluAsnGluLeuProTyrIleCysLysPheLysVal 174
DB 500 AATTGTGAAAATGAGCTTCCCTATATCTGCAAAATTCAGGTC 541

RESULT 2
; Sequence 1, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
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Db 320 ATCTGGATTGGACTCCATGATCCCTCACATGGTACACTACCCCAAGAGTGGATGGAAG 379
QY 121 TTPSerSerSerAsnValLeuThrPheTyrAsnTTPGluArgAsnProSerIleAlaAla 140
Db 380 TGGAGCAGTTCCTCAATGTGCTGACCTTCTATTAAGTGGAGAGAACCCCTCTATTTGCTGCT 439
QY 141 AspArgGlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTTPArgAspPhe 160
Db 440 GACCGTGGTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTT 499
QY 161 AsnCysGluAsnGluLeuProTyrIleCysLysPheLysVal 174
Db 500 AATTGTGAAATGAGCTTCCTATATCTGCAATTCAGAGTGC 541

RESULT 3

US-09-146-969-3
; Sequence 3, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckgraebe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 596
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-3

Alignment Scores:
Pred. No.: 1,25e-103 Length: 586
Score: 949.00 Matches: 172
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.06% Indels: 0
DB: 3 Gaps: 0

US-09-717-095-2 (1-174) x US-09-146-969-3 (1-586)

QY 3 ProMetThrLeuCysArgMetSerTTPMetLeuLeuSerCysLeuMetPheLeuSerTTP 22
Db 3 CCCATGACCTCTGTAGAGTCTTGAGAGTCTGTTCCCTGCCGAGTCTCTTCTTCTGG 62
QY 23 ValGluGlyGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 63 GTGGAAGTGAAGATCTCAAAAGAACTGCCTTCTTACGTATAACCTGTCTCAAGGC 122
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuIleLeuLeuProGlnThrTTPSerAsn 62
Db 123 TCTGTAGCTATGGGTCTATTGCTATTCTACGTATTTGTATACACAGACCTGTCTTAAT 182
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 183 GCAGAACTATCTCCAGATGATTTCTCAGAGACACCTGGCATTTCTTCAGTACTGGT 242
QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTTP 102
Db 243 GAAATACCTTCGTGCTCCCTTGTGAAGAACAGTGTGACGGCTACCACTACATCTGG 302
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTTPLeuTTPSer 122
Db 303 ATTGACTTCCATGATPCCCTCATCGTGTACACTACCAACGGAAGTGAAGTGGAGC 362
QY 123 SerSerAsnValLeuThrPheTyrAsnTTPGluArgAsnProSerIleAlaAspArg 142
Db 363 AGTTCCAAATGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 422
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTTPArgAspPheAsnCys 162
Db 423 GGTATTGTGAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATGT 482

QY 163 GluAsnGluLeuProTyrIleCysLysPheLysVal 174
Db 483 GAAATGAGCTTCCCTATATCTGCAATTCAGAGTGC 518
RESULT 4
US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-909-725-4
Alignment Scores:
Pred. No.: 3,31e-88 Length: 558
Score: 819.00 Matches: 149
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 85.49% Indels: 0
DB: 1 Gaps: 0
US-09-717-095-2 (1-174) x US-08-909-725-4 (1-558)
QY 26 GluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAla 45
Db 12 GAAGAAATCTCAAAAGAACTGCCTTCTTCAGTATACCTGTCTCAAGGCTCTGTAGCC 71
QY 46 TyrGlySerTyrCysTyrSerLeuIleLeuProGlnThrTTPSerAsnAlaGluLeu 65
Db 72 TATGGGTCTTATTCTATTCTACTGATTTTATACCAAGACCTGTCTTATGCAACTA 131
QY 66 SerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThr 85

Db 132 TCTGCCAGATGCTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATTAACC 191
QY 86 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyrIleGlyLeu 105
Db 192 TTCGTGCTCTCCTTGTGAAGAACAGTTTGACGGCTACACAGTACATCGATGGAGACTC 251
QY 106 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrPlystTyrSerSerAsn 125
Db 252 CATGATCCCTCATCATGCTACACTACCAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
QY 126 ValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 145
Db 312 GTGCTACACTTCTATAACTGGGAGAGAAACCCCTATTGCTGCTACCGTGGTTATTGT 371
QY 146 AlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCysGluAsnGlu 165
Db 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTGTGAAATGAG 431
QY 166 LeuProTyrIleCysLysPheLysVal 174
Db 432 CTTCCCTATATCTGCAAAATCAAGGTC 458

RESULT 5

US-07-778-156-1
; Sequence 1, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 793 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA to mRNA
; ORIGINAL SOURCE:
; ORGANISM: Rat
; TISSUE TYPE: pancreas
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 62..613
US-07-778-156-1

Alignment Scores:

Pred. No.: 4,94e-60 Length: 793
Score: 584.00 Matches: 101
Percent Similarity: 78.79% Conservative: 29
Best Local Similarity: 61.21% Mismatches: 34
Query Match: 60.96% Indels: 1
DB: 1 Gaps: 0
US-09-717-095-2 (1-174) x US-07-778-156-1 (1-793)
QY 9 MetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyrValGluGlyGluSer 28
Db 89 ATGTCTCTGATGCTGCTCTCTCTGCTGCTGCTTATCAGAGTGCAGAGAAAGACTCT 148
QY 29 GlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAlaTyrGlySer 48
Db 149 CGGAAGAAATACCTCTGACGCAATTAGTGTCCCAAGGCTCCAGGCATATGCTCTCC 208
QY 49 TyrCysTyrSerLeuLeuIleProGlnThrTyrSerAsnAlaGluLeuSerCysGln 68
Db 209 TACTGCTATGCCCTGTTTCAGATACACAGACTGGTTGTGATGCAGAACTGGCTGCCAG 268
QY 69 MetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThrPheValSer 88
Db 269 AAGAGACCTGAAGGACACCTTGTATCTGTGCTCAATGTAGCTCAAGCTTCATTCTTGGCA 328
QY 89 SerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyrIleGlyLeuHisAspPro 108
Db 329 TCCATGGTCAAGAACACTGGAACAGCTACCAATATACCTGGATTGGACTCCATGACCCC 388
QY 109 SerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSerSerSerValLeuThr 128
Db 389 ACTCTTGGTGGAGAACCAATGAGGTGGATGGAGTGAAGTAAACAATGATGATGAAT 448
QY 129 PheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArgGlyTyrCysAlaValLeu 148
Db 449 TATGTCAACTGGGAGAGGAACCACTACTGCTTACAGCCGGGATTTCTGTGCGAGCTTG 508
QY 149 SerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCysGluAsnGlu-LeuProTyr 168
Db 509 TCAAGATCTTCTGGATTCTTAAGATGGAGAGATACCAATGTGAAGTTGAAGTTGCCCTA 568
QY 168 rleCysLysPhe 172
Db 569 CGTCTGCAAAATTT 581

RESULT 6

US-08-422-166-1
; Sequence 1, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:


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Db 112 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGATCGCTGTCCCAAGGC 171
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuLeuProGlnThrTyrSerAsn 62
Db 172 TCAAGGCTATGGCTCCCACTGCTATGCTTTTGTCAACAAATCCTGGACAGAT 231
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCGCCCTCTGGAAACCTGTGTCTGTCTCAGTGGGCT 291
QY 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGATCTCTGCTGCTCCCTGGTGAAGAGCATTTGGTAACAGACTACTCATAGCTCTG 351
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 352 ATTGGGCTCATGACCCACACAGGCGACCGACCCCAATGGAGAGTTGGAGTGGAGT 411
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGATGTGATGAATTACTTTGCATGGGAGAGAAATCCCTCCACCATCTCAAGCCC 471
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrPargAspPheAsnCys 162
Db 472 GGCCACTGTGGAGCTGTGCGAAGCAGACGATTTCTGAGGTGGAAGATTATACTGT 531
QY 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 532 AATGTGAGGTACCTTATGTCTGCAAGTTC 561
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RESULT 8

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US-08-822-261-5
; Sequence 5, Application US/0882261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
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; LIBRARY: GenBank
; CLONE: 262368
; US-08-822-261-5
Alignment Scores:
Pred. No.: 1.33e-58 Length: 797
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 2 Gaps: 0
US-09-717-095-2 (1-174) x US-08-822-261-5 (1-797)
QY 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 52 CCATGGCCCTGCCAGTGTATCTGGATGCTGCTTCTGCTCATGCTGCTCTCAG 111
QY 23 ValGluGlyGluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGGATCGCTGTCCCAAGGC 171
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuLeuProGlnThrTyrSerAsn 62
Db 172 TCAAGGCTATGGCTGCCAGTGTGCTTTTGTCAACAAATCCTGGACAGAT 231
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCGCCCTCTGGAAACCTGTGTCTGCTCAGTGGGCT 291
QY 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGATCTCTGCTGCTCCCTGGTGAAGAGCATTTGGTAACAGACTACTCATAGCTCTG 351
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 352 ATTGGGCTCATGACCCACACAGGCGACCGACCCCAATGGAGAGTTGGAGTGGAGT 411
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGATGTGATGAATTACTTTGCATGGGAGAGAAATCCCTCCACCATCTCAAGCCC 471
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrPargAspPheAsnCys 162
Db 472 GGCCACTGTGGAGCTGTGCGAAGCAGACGATTTCTGAGGTGGAAGATTATACTGT 531
QY 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 532 AATGTGAGGTACCTTATGTCTGCAAGTTC 561
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RESULT 9

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US-09-226-852-5
; Sequence 5, Application US/09226852
; Patent No. 6432499
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCEATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/09/226,852
FILING DATE: 09/22/2004
CLASSIFICATION: C12N 01/00
PRIORITY INFORMATION: US/08/222,261
FILING DATE: 09/22/2004
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PP-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-845-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 797 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 262368
US-09-226-852-5

Alignment Scores:
Pred. No.: 1,33e-58 Length: 797
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservations: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 4 Gaps: 0

US-09-717-095-2 (1-174) x US-09-226-852-5 (1-797)

Qy 3 ProMetThrLeuCysArgMetSerTrpMetLeuSerCysLeuMetPheLeuSerTrp 22
Db 52 CCCATGGCCCTGCCAGGTATCTGGATGCTGCTTCTTCTGCTCATGCTGCTGCTCAG 111
Qy 23 ValGluGlyGluGluSerGlnLysLeuProSerSerArgLleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCAGCGATCCGCTGCCAAAGGC 171
Qy 43 SerValAlaTyrGlySerTyrCysTrpSerLeuLleLeuLleProGlnThrTrpSerAsn 62
Db 172 TCCAAGGCTAAGTCTCCATCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 231
Qy 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAGCGGCTCTGGAAACCTGGTGTCTGCTCATGTTGGGCT 291
Qy 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnThrTrp 102
Db 292 GAGGATCTCTCGTGTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 351
Qy 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSer 122
Db 352 ATTGGCTCTCATGATCCACACAGGCGACCCAGCCCATGAGAGGTTGGAGTGGAGT 411
Qy 123 SerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGTATGATGAATTAATCTTTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCC 471
Qy 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCys 162
Db 472 GGCACACTGGGAGCTCTCGAAGACACAGCAATTTCTGAGGTGGAAGATTTAATCTGT 531
Qy 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 532 AATGTGAGTTACCTATGTCGCAAGTTC 561

RESULT 10

US-07-778-156-4

; Sequence 4, Application US/07778156

Patent No. 5436169
GENERAL INFORMATION:
APPLICANT: IOVANNA, JUAN-LUCIO
APPLICANT: KEIM, VOLKER
APPLICANT: DAGORN, JEAN-CHARLES
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
TITLE OF INVENTION: PANCREATITIS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,156
FILING DATE: 19911219
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5436169man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 522 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: pancreas
US-07-778-156-4

Alignment Scores:
Pred. No.: 3,57e-58 Length: 522
Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservations: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
DB: 1 Gaps: 0

US-09-717-095-2 (1-174) x US-07-778-156-4 (1-522)

Qy 3 ProMetThrLeuCysArgMetSerTrpMetLeuSerCysLeuMetPheLeuSerTrp 22
Db 10 CCCATGGCCCTGCCAGGTATCTGGATGCTGCTTCTTCTGCTCATGCTGCTGCTCAG 69
Qy 23 ValGluGlyGluGluSerGlnLysLeuProSerSerArgLleThrCysProGlnGly 42
Db 70 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCAGCGATCCGCTGCCAAAGGC 129
Qy 43 SerValAlaTyrGlySerTyrCysTrpSerLeuLleLeuLleProGlnThrTrpSerAsn 62
Db 130 TCCAAGGCTATGCTCCACTGCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 189
Qy 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 190 GCAGATCTGGCTGCCAGAGCGGCTCTGGAACCTGGTGTCTGCTGCTGCTGCTGCTG 249
Qy 83 GluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnThrTrp 102

Db 250 GAGGGATCTCTGCTGCTCCCTCGGTGAAGAGCATTTGGTAACAGACTACTCATACGCTGG 309
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 310 ATTGGGCTCATGACCCACACAGAGGACCGAGCCCAATGGAGAAGTTGGGAGTGGAGT 369
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 370 AGCAGTGATGTGATGAATTACTTTGGCATGGAGAGAAATCCCTCCACCATCTCAAGCCCC 429
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 430 GGCCACTGTGCGAGCCTGTGAGAACGACAGCATTTCTGAGGTGGAAGATTATACTGT 489
QY 163 GluAsnGluLeuProTyrIleCysLys 171
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RESULT 11
US-08-422-166-4
; Sequence 4, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 522 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-08-422-166-4
Alignment Scores: 3.57e-58 Length: 522
Pred. No.:

Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservative: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
DB: 2 Caps: 0
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QY 23 ValGluGlyGluSerGlnLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 70 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGATCCGCTGTCCCAAAGC 129
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTyrSerAsn 62
Db 130 TCCAGGCTATGGCTCCCACTGCTATGCTTTTGTCCAAATCCTCGACAGAT 189
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QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
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Db 490 AATGTGAGGTACCTTATGTCGCAAA 516
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US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 522 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-12
Alignment Scores: 3.57e-58 Length: 522
Pred. No.:

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; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
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; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
; US-07-778-156-12

Alignment Scores:
Pred. No.: 6.89e-58 Length: 798
Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservative: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
DB: 1 Gaps: 0

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Db 52 CCCATGGCCCTGCCAGTGTATCTGGATGCTGTTTCCTGCCCTCATGCTGCTCTCAG 111
QY 23 ValGluGlyGluGluSerGlnLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGAGGGAACCTGCGCTCTGCACGATCCGCTGCCAAAGGC 171
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTyrSerAsn 52
Db 172 TCCAAGGCTATGGCTGCCACTGCTATGCTTGTGTTTGTCCACCAAAATCCTGGACAGAT 231
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Db 292 GAGGATCTCTTCTGCTCTCCCTGCTGAAGACATTGGTAACAGCTACTCATCTCTGG 351
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Db 352 ATTTGGGCTTCCATGATCCACACAGGCGCCCTCTGGAACCTGTGCTGTCTGCTGCTGG 411
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Db 412 AGCAGTGAATGATGAATATCTTCCATGGGAGAGAAATCCCTCCACCATCTCAGCCCC 471
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
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QY 163 GluAsnGluLeuProTyrIleCysLys 171
Db 532 AATGTGAGGTATACCTATGCTCTGCAAA 558

RESULT 13
US-08-822-261-6
; Sequence 6, Application US/0882261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
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; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189600
; US-08-822-261-6

Alignment Scores:
Pred. No.: 6.89e-58 Length: 798
Score: 566.00 Matches: 97
Percent Similarity: 77.51% Conservative: 34
Best Local Similarity: 57.40% Mismatches: 38
Query Match: 59.08% Indels: 0
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US-09-717-095-2 (1-174) x US-08-822-261-6 (1-798)
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Db 52 CCCATGGCCCTGCCAGTGTATCTGGATGCTGTTTCCTGCCCTCATGCTGCTCTCAG 111
QY 23 ValGluGlyGluGluSerGlnLysLeuProSerSerArgIleThrCysProGlnGly 42
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Db 472 GGCCACTGTGCGAGCTGTCTGAGAAGCACAGCAATTCTGAGGTGGAAAGATTATAACTGT 531
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Db 532 AATGTGAGGTATACCTATGTCTGCAAA 558
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GenCore version 5.1.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - nucleic search, using frame_plus_p2n model

Run on: August 8, 2004, 05:26:07 ; Search time 434 Seconds
(without alignments)

1965.775 Million cell updates/sec

Title: US-09-717-095-2

Perfect score: 958

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Searched: 3222919 seqs, 2451570024 residues

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Maximum Match 100%

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score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
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RESULT 1
US-10-231-494-18
; Sequence 18, Application US/10231494
; Publication No. US200400233441
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 525
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGAP

ALIGNMENTS

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3	949	99.1	586	9	US-09-739-262-3	Sequence 3, Appli
4	799	83.4	445	17	US-10-231-494-20	Sequence 20, Appl
5	791	82.6	441	17	US-10-231-494-22	Sequence 22, Appl
6	605.5	63.2	528	12	US-09-997-722-147	Sequence 147, App
7	605.5	63.2	759	12	US-09-997-722-146	Sequence 146, App
8	593	61.9	781	16	US-10-191-803-235	Sequence 235, App
9	588	61.4	6586	16	US-10-339-767-2	Sequence 2, Appli
10	572	59.7	528	12	US-09-997-722-150	Sequence 150, App
11	572	59.7	797	15	US-10-316-761-5	Sequence 5, Appli
12	572	59.7	807	12	US-09-997-722-149	Sequence 149, App
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42	557	58.1	859	10	US-09-978-681A-451	Sequence 451, App
43	557	58.1	859	10	US-09-978-194A-451	Sequence 451, App
44	557	58.1	859	10	US-09-999-829A-451	Sequence 451, App
45	557	58.1	859	10	US-09-978-299A-451	Sequence 451, App

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; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(525)
US-10-231-494-18

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Score: 958.00 Matches: 174
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Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 17 Gaps: 0

US-09-717-095-2 (1-174) x US-10-231-494-18 (1-525)

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QY 41 GlnGlySerValAlaValGlySerTyrCysTyrSerIleLeuLeuProGlnThrTrp 60
Db 124 CAAGGTTCTGTGCTTATGTTCTTATGTTATTTCTTGTATTTGATTCACAAACTGG 183
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QY 81 ThrGlyGluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaValGlnTyr 100
Db 244 ACTGGTGAATTAATTTGTTTCTTCTTGGTTAAATAATCTTTGACTGCTTATCAATAT 303
QY 101 IleTrpIleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLys 120
Db 304 ATTGGATTGGTTGGATGATCCATCTCATGGTACTTTGCCAAATGGTTCTGGTTGAAA 363
QY 121 TrpSerSerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAla 140
Db 364 TGGTCTCTCTTAATGTTTGTGATCTTTTATTAATGGGAAGAAATCACTAATGCTGCT 423
QY 141 AspArgGlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPhe 160
Db 424 GATAGAGGTATTGCTGCTGTTTGTCTCAAAAATCTGGTTTCAAAAATGGAGATTTT 483
QY 161 AsnCysGluAsnGluLeuProTyrIleCysLysPheIysVal 174
Db 484 AATTGTGAATAATGAATGGCATATATTTGTAATTTTAAAGTT 525

RESULT 2
US-10-421-363-2
; Sequence 2, Application US/10421363
; Publication No. US20040018623A1
; GENERAL INFORMATION:
; APPLICANT: Rosenberg, Lawrence
; TITLE OF INVENTION: MEDIUM FOR PREPARING DEDIFFERENTIATED
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 701826-05621-CIP
; CURRENT APPLICATION NUMBER: US/10/421,363
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: US 10/111,485
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: PCT/CA00/01284
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,137
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 747
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mammalian INGAP
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (20)...(541)
US-10-421-363-2

Alignment Scores:
Pred. No.: 2,9e-116 Length: 747
Score: 958.00 Matches: 174
Percent Similarity: 100.00% Conservatives: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 16 Gaps: 0

US-09-717-095-2 (1-174) x US-10-421-363-2 (1-747)

QY 1 MetLeuProMetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeu 20
Db 20 ATGCTTCCCATGACCCCTCTGTAGATGTCTTGATGCTGCTTTCCTGCTGATGTTCCCT 79
QY 21 SerTrpValGluGlyGluSerGlnLysLeuProSerSerArgIleThrCysPro 40
Db 80 TCTTGGGTTGAAGGTGAAGAAATCTCAAAAGAAACTGCTTCTTTCACGTATAACCTGTCCT 139
QY 41 GlnGlySerValAlaValGlySerTyrCysTyrSerIleLeuLeuProGlnThrTrp 60
Db 140 CAAGGTTCTGTAGCTTATGGTCTTATGCTTATCTGATTTGTATACACAGACTGG 139
QY 61 SerAsnAlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSer 80
Db 200 TCTAATGCAAGAAATCTCTGCCAGATGCATTTCTCAGACACACCTGGCAATTTCTTCTCAGT 259
QY 81 ThrGlyGluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaValGlnTyr 100
Db 260 ACTGGTGAATTAATTAATTTGCTTCTGCTGCTTGTGAAGACAGTTTGACGGCTACCAAGTAC 319
QY 101 IleTrpIleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLys 120
Db 320 ATCTGGATTGGACTCCATGATCCCTCACATGGTACACTACCCCAACGGAAGTGGATGGAAG 379
QY 121 TrpSerSerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAla 140
Db 380 TGGAGCAGATTCCAATGTGCTGACCTTCTATACTGGAGAGGAAACCCCTCTATTGCTGCT 439
QY 141 AspArgGlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPhe 160
Db 440 GACCGTGGTTATTGTGCACTTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTT 499
QY 161 AsnCysGluAsnGluLeuProTyrIleCysLysPheIysVal 174
Db 500 AATTGTGAATAATGAGCTTCCCTATATCTGCAAAATTCAGGTC 541

RESULT 3
US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US20020031767A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3
```

Alignment Scores:

Fred. No.: 3.11e-115 Length: 586
Score: 949.00 Matches: 172
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 99.06% Indels: 0
DB: 9 Gaps: 0

US-09-717-095-2 (1-174) x US-09-739-262-3 (1-586)

QY 3 ProMetThrLeuCyArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrp 22
DB 3 CCCATGACCTCTGTAGATGCTTGATGCTGCTTCTGCTGCTGCTGCTTCTTCTTGG 52
QY 23 ValGluGlyGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
DB 63 GTGGAAGGTGAAGATCTCAAAAGAACTGCGCTTCTTCCAGTATTAACCTGTCTCAAGGC 122
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTrpSerAsn 62
DB 123 TCTGTAGCTAAGGTCTCTATGCTTACTGATTTTGTATACACAGCTGCTGCTAAT 182
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
DB 183 GCAGAACTATCTGCCAGATGCAITTTCTCAGACACCTGGCATTTTCTCAGTACTGGT 242
QY 83 GlulleThrPheValSerLeuValLysSerLeuThrAlaTyrGlnTyrIleTrp 102
DB 243 GAAATTTACCTTTCGTCTCCCTTGTGAAGAACAGTTTTCAGCGGCTACCACTCTGG 302
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSer 122
DB 303 ATTGACTCCATGATCCCTCATGCTGATACCTACCCACGGAAGTGGATGGAGGAGC 362
QY 123 SerSerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArg 142
DB 363 AGTTCATGCTGCTGACCTTCTATPACTGGGAGAGAACCTCTATTGCTGCTGACCGT 422
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCys 162
DB 423 GGTATTGTCAGTTTCTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAATGT 482
QY 163 GluAsnGluLeuProTyrIleCysLysPheLysVal 174
DB 483 GAAATGAGCTTCCCTATATCTGCAAAATTCAGGTC 518

RESULT 4

US-10-231-494-20
; Sequence 20, Application US/10231494
; Publication No. US2004002334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (1)..(444)

US-10-231-494-20

Alignment Scores:
Fred. No.: 1.31e-95 Length: 445
Score: 799.00 Matches: 144
Percent Similarity: 100.00% Conservative: 2
Best Local Similarity: 98.63% Mismatches: 0
Query Match: 83.40% Indels: 0
DB: 17 Gaps: 0

US-09-717-095-2 (1-174) x US-10-231-494-20 (1-445)

QY 29 GlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAlaTyrGlySer 48
DB 4 GAGAAAGGTGGCATCTTCCAGAAATCTTGTCCACAAGGTCTGTGTGCTTATGGTTCT 63
QY 49 TyrCysTyrSerLeuLeuLeuLeuProGlnThrTrpSerAsnAlaGluLeuSerCysGln 68
DB 64 TATTGTTATTCTTTGATTTTGAATCCCAAACTTGGTCTAATGCTGAATTTGTTGTCAA 123
QY 69 MethHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThrPheValSer 88
DB 124 ATGCATTTTCTGGTCAITTTGCTTTTGTGTGCTACTGGGAAATTCATTGTTTCT 183
QY 89 SerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrpIleGlyLeuHisAspPro 108
DB 184 TCTTTGGTTAAATTTCTTGACTGCTTATCAATATATTGGATTGGTTTGCATGATCCA 243
QY 109 SerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerSerAsnValLeuThr 128
DB 244 TCTCATGTGCTACTTGTCCAAATGGTTCTGTTGGAAATGGTCTCTCTCTTAATGTTTGTACT 303
QY 129 PheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCysAlaValLeu 148
DB 304 TTTTACAAATGGGAAAGAAATCCATCTATTGCTGCTAGAGGTTATTGCTGTTTGG 363
QY 149 SerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGluLeuProTyr 168
DB 364 TCTCAAAATCTGTTTTCAAAATGGAGAGATTTAATTGTGAAATGAATGCAATAT 423
QY 169 IleCysLysPheLysVal 174
DB 424 ATTTGTAATTTAAAGTT 441

RESULT 5

US-10-231-494-22
; Sequence 22, Application US/10231494
; Publication No. US2004002334A1
; GENERAL INFORMATION:
; APPLICANT: Prior, Christopher P.
; TITLE OF INVENTION: Modified Transferrin Fusion Proteins
; FILE REFERENCE: 54710-5001-US
; CURRENT APPLICATION NUMBER: US/10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 441
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: INGP
; OTHER INFORMATION: sequences for fusion proteins
; NAME/KEY: CDS
; LOCATION: (2)..(436)
US-10-231-494-22
Alignment Scores:

QY 20 LeuSerTrpValGluGlyGluGluSerGlnLysLysLeuProSerSerArgGlyLeuThrCys 39
Db 92 TTTATCTCAGGTTCAAGGTGAAGACTCTCCTCGAAGAAATATACCTCCGACGCAITAGTTC 151
QY 40 ProGlnGlySerValAlaTyrglySerTyrcysTyrsSerLeuLeuLeuProGlnThr 59
Db 152 CCCAAGGGCTCCAGGGTTATGGCTCTCTACTGCTATGCTTGTTCAGATACACAGACC 211
QY 60 TrpSerAsnAlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeu 79
Db 212 TGGTTTGTATGACAGAACTGGCTGCCAAAAGAGAGGCTCGGAGGACACCTCGTATCTGTGTC 271
QY 80 SerThrGlyGluLeuThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrgln 99
Db 272 AATAGCGCTGAGGGCTTCATCTCTGCTCCATGAGGAGAAACAGGAAACAGCTACCAA 331
QY 100 TyrlleTrpIleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrp 119
Db 332 TACACTGGATTGGCTCCATGACCCACTCTGGTGCGAGAACCCATGGAGGTGGATGG 391
QY 120 LysTrpSerSerAsnValLeuThrPheTyrsTrpAsnTrpGluArgAsnProSerIleAla 139
Db 392 GAATGGAGTAAATGACGTGATGAATTAATCTTAACCTGGAGAGGAAACCCATCTACTGCC 451
QY 140 AlaAspArgGlyTyrcysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAsp 159
Db 452 TTAGACCGTGTCTCTGTGGCAGCTGTCAAGAGCTTCTGGATTCTTAAATGGAGAGAT 511
QY 160 PheAsnCysGluAsnGluLeuProTyrlleCysLysPhe 172
Db 512 ATGACATGTGAGGTGAAGTGGCTTCCCTATCTGTGCAAAATTT 550
RESULT 8
US-10-191-803-235
; Sequence 235, Application US/10191803
; Publication No. US20040014040A1
; GENERAL INFORMATION:
; APPLICANT: MENDRICK, Donna
; APPLICANT: PORTER, Mark
; APPLICANT: JOHNSON, Kory
; APPLICANT: HIGGS, Brandon
; APPLICANT: CASTLE, Arthur
; APPLICANT: ELASHOFF, Michael
; TITLE OF INVENTION: Cardiotoxin Molecular Toxicology Modeling
; FILE REFERENCE: 44921-50900S
; CURRENT APPLICATION NUMBER: US/10/191,803
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: US 60/303,819
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US 60/305,623
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/369,351
; PRIOR FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: US 60/377,611
; PRIOR FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 1140
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 235
; LENGTH: 781
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20040014040A1 NM_053289
US-10-191-803-235
Alignment Scores:
Pred. No.: 4,8e-68 Length: 781
Score: 593.00 Matches: 100
Percent Similarity: 79.27% Conservative: 30
Best Local Similarity: 60.98% Mismatches: 34
Query Match: 61.90% Indels: 0
Gaps: 16
Db:

US-09-717-095-2 (1-174) x US-10-191-803-235 (1-781)
QY 9 MetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrpValGluGlyGluGluSer 28
Db 87 ATGTCTCGGATGTGCTCTCTCGCTGATGCTCTTATCACAGGTGCAAGGAGAAAGACTCT 146
QY 29 GlnLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAlaTyrglySer 48
Db 147 CCGAGAGAAATACCTCTGCAAGCATTAGTTGCCCAAGGCTCCAGGATATGGTCTCC 206
QY 49 TyrcysTyrsSerLeuLeuLeuProGlnThrTrpSerAsnAlaGluLeuSerCysGln 68
Db 207 TACTGTATGCTCTGTTTCAGATACACAGACCTGGTTTGTATGTCAGAACTGGCCTGCCAG 266
QY 69 MethisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluLeuThrPheValSer 88
Db 267 AAGAGACCTGAAGGACACCTTGATCTGTGCTCAATAGCTGAAGCTTCATTTTGGCA 326
QY 89 SerLeuValLysAsnSerLeuThrAlaTyrglnTyrlleTrpIleGlyLeuHisAspPro 108
Db 327 TCCATGTCTCAAGACACTGGAAACAGACTACCAATATACCTGGATTGGACTCCATGACCCC 386
QY 109 SerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerAsnValLeuThr 128
Db 387 ACTCTTGTGGAGAACCAATGGAGGTGGATGGAGTGGAGTAAACAATGACATAATGAAT 446
QY 129 PheTyrsTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrcysAlaValLeu 148
Db 447 TATGTCAACTGGGAGAGAACCCATCTACTCTCCCTAGACCCGGATTCTGTGGCAGCTTG 506
QY 149 SerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGluLeuProTyrl 168
Db 507 TCAAGATCTTCTGGATTCTTAAGATGGAGAGATACCAATGTGAAGTGAAGTTGCGCTTAC 566
QY 169 IleCysLysPhe 172
Db 567 GTCTGCAAAATTT 578
RESULT 9
US-10-339-767-2
; Sequence 2, Application US/10339767
; Publication No. US20030207301A1
; GENERAL INFORMATION:
; APPLICANT: GMP Endotherapeutics, Inc.
; APPLICANT: Vinik, Aaron I
; APPLICANT: Taylor-Fishwick, David A
; TITLE OF INVENTION: Assay for the Detection of Factors that Modulate the Expression
; FILE REFERENCE: 9061X#1S
; CURRENT APPLICATION NUMBER: US/10/339,767
; CURRENT FILING DATE: 2003-01-09
; PRIOR APPLICATION NUMBER: US 60/388,315
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: US 60/361,073
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 60/346,898
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 6586
; TYPE: DNA
; ORGANISM: Hamster sp.
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(6586)
; OTHER INFORMATION: n = A, C, G, or T
US-10-339-767-2
Alignment Scores:
Pred. No.: 5.31e-66 Length: 6586
Score: 588.00 Matches: 155

Percent Similarity: 31.03% Conservative: 2
Best Local Similarity: 30.63% Mismatches: 8
Query Match: 61.38% Indels: 343
DB: 16 Gaps: 4

US-09-717-095-2 (1-174) x US-10-339-767-2 (1-6586)

QY 9 MetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrpValGluGlyGluGluSer 28
Db 4398 GTCTCTTATCCACTGTCATCACTGCTA---TTTCTCCCTCT-AAACAGGTGAAGATCT 4453

QY 29 GluLysLysLeuProSerSerArgIleThrCysProGlnGlySerValAlaIleThrGlySer 48
Db 4454 CAAAGAAAGCTGCTCTTCCAGTATACCTGCTCAAGGCTCTGTAGCTATGGTCC 4513

QY 49 TyrCysTrpSerLeuLeuLeuLeuProGlnThrTrpSerAsnAlaGlu----- 64
Db 4514 TATGTCTATTCATGATTTTGTATACACAGACCTGGTCTTAATGCAGAGTAGTAGTGAC 4573

QY 64 ----- 64
Db 4574 ACACAGATTGGGAACAATAGAAACAAGAACTTCCGGGTCAAGAGTGGTGTGGATTCCA 4633

QY 64 ----- 64
Db 4634 ATCTGTGTTTATTGACTGAGGTGAACCCAAATCCCTCACCTACACTCTACCACTTCC 4693

QY 65 -----LeuSerCysGlnMetHis 70
Db 4694 CAGTGGGGTTTAAATATGTTTCCATCTCTGCTCTTCAACAGCTATCTCTCCAGATGCAT 4753

QY 71 PheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThrPheValSerSerLeu 90
Db 4754 TTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATATTACCTTGGTGTCTCCCTT 4813

QY 91 ValLysAsnSerLeuThrAlaIleThrGlnTyrIleThrIleGlyLeuHisAspProSerHis 110
Db 4814 GTGAAGAACAGTTTGGCGCCTACCAGTACATCTGGAATTGACTCCATGATCCCTCAGAT 4873

QY 110 ----- 110
Db 4874 GTGCGATCTATCTTTGTTCTTGTCTTTTCTCATAGTGCCTTTTATCCCTGTGGAAGATT 4933

QY 110 ----- 110
Db 4934 CCCTGTGACACCCAGAAAAAGCAATGGGTCTATAGATCTCCAATGCTGGATGGCATTAG 4993

QY 110 ----- 110
Db 4994 AGAGAGGAAATATCAGCTGTAGAGATAAGTTCTGTGGAATCTCAGATTGAGTTGAAG 5053

QY 110 ----- 110
Db 5054 TCTGTATGCTATGCTGACTTCTAAGTTTTCATGTGAGATATTGGAAGATATTATCATC 5113

QY 110 ----- 110
Db 5114 AGCTTTAGGAGTCTGCAAAATACAGTGTCAAGTGTCAAGTAAATGCTGAACAAAGAAATCTTTGTG 5173

QY 110 ----- 110
Db 5174 TTTTCTCTTATAGATAGATTTTGTTCAGTGGTTTCTGGAGAAACCTCAAAAGTACCA 5233

QY 110 ----- 110
Db 5234 CCATTTGTATTATCAGGAACCTGATAAAATCCAGTAAATCCCAATTTTCATTCATAGTTT 5293

QY 110 ----- 110
Db 5294 CTGGGGGTTTGTAAATAGGACTGAGGTATTCTCGGATAATATTACACCAAGAGCTTTTG 5353

QY 110 ----- 110

Db 5354 GCAACTGGTATGACCATACCAAGTTTGGTAAAGCTAGCATGGAGCAAAATGTTTCAGT 5413

QY 111 -----GlyThrLeuProAs 115
Db 5414 GAAGGTATCATGTAACTCTGTACCAACCAATCCTTTTGCACTNTACAGGTGTACACTACCA 5473

QY 115 nGlySerGlyTrpLysTrpSerSerSerAsnValLeuThrPheTrpAsnTrpGluArgAs 135
Db 5474 CGGAAGTGGATGGAAGTGGAGCAGTTCCATGTGCTGACCTTCTATAACTGGGAGAGAA 5533

QY 135 nProSerIleAlaAlaAspArgGlyTrpCysAlaValLeuSerGlnLysSer----- 152
Db 5534 CCCCCTCTATTGCTGCTGACCGTGGTTATTGTGAGTTTGTCTCAGAAATC-AGGTAAGA 5592

QY 152 ----- 152
Db 5593 CAGAGAAGAACCACTGTGTATTAAACCACTCTCCACATCCAGTATGACAACCTGGGCAT 5652

QY 152 ----- 152
Db 5653 GACACAGTTTGGAGACATACAGTGTGGAGTGTGGTGTGTCTCTCTCATCTCTCATGTTGCC 5712

QY 152 ----- 152
Db 5713 TATATGCTCTCTTGCACACAGTATATCATGCAGAGAGATGTCTTAAAGTCAAGAGCAGA 5772

QY 152 ----- 152
Db 5773 CACTGAGTCACTTTTGTGTTGAGTTCACAGATTCACTGCCGATTCCTTTTACCTCCTA 5832

QY 153 -----GlyPheGlnLysTrpArgAspPheAsnCysGluAsnGluLeuProTyrIle 169
Db 5833 TCTCTCTGTAGGTTTTCAGAGTGGAGAGATTTTAAATTGTGAAATGAGCTTCCCTATAT 5892

QY 169 eCysLysPheLysVal 174
Db 5893 CTGCAAAATTCAGGTC 5908

RESULT 10
US-09-997-722-150
; Sequence 150, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 150
; LENGTH: 528
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-722-150

Alignment Scores:
Pred. No.: 1.59e-65 Length: 528
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 12 Gaps: 0

US-09-717-095-2 (1-174) x US-09-997-722-150 (1-528)

QY 3 ProMetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrp 22
Db 5283 TTTTCTCTTATAGATAGATTTTGTTCAGTGGTTTCTGGAGAAACCTCAAAAGTACCA 5353

QY 110 ----- 110

```
Db 10 CCCATGGCCCTGCCAGTGTATCTTGGATGCTGCTTTCCTGCTCCTCATGCTGCTCTCTCAG 69
Qy 23 ValGluGlyGluGluSerGlnLysLeuProSerArgIleThrCysProGlnGly 42
Db 70 GTTCAAGGTGAAGAACCCAGGAGAACTGCCCTCTGCACGGATCCGCTGTCCCAAGGC 129
Qy 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTyrSerAsn 62
Db 130 TCCAAGGCTATGCTCCACTGTATGCTTGTGTTTGTCCACCAAAATCTCGACAGAT 189
Qy 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 190 GCAGATCTGGCTGCCAGAACGGCCCTCTGAAACCTGGTGTCTGTCTCAGTGGGCT 249
Qy 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 250 GAGGATCCTTCGTGCTCCTCGTGAAGACATTTGTTGAACAGCTACTCATAGCTCTGG 309
Qy 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 310 ATTGGGCTCCATGACCCACACAGGACCCGAGCCCAATGGAGAGGTTGGAGTGGAGT 369
Qy 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 370 AGCAGTGTATGTGAATTAATCTTGCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCC 429
Qy 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 430 GGCCACTCTGGAGCCTCTCGAAGACACAGCATTTCTGAGGTGGAAGATTAATACTGT 489
Qy 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 490 AATGTGAGGTTACCCCTATGTCTGCAAGTTC 519

RESULT 11
US-10-316-761-5
; Sequence 5, Application US/10316761
; Publication No. US20030109004A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESS: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/316,761
; FILING DATE: 10-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/822,261
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
```

```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-316-761-5

Alignment Scores:
Pred. No.: 2,93e-65 Length: 797
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 15 Gaps: 0

US-09-717-095-2 (1-174) x US-10-316-761-5 (1-797)
Qy 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 52 CCCATGGCCCTGCCAGTGTATCTTGGATGCTGCTTTCCTGCTCCTCATGCTGCTCTCAG 111
Qy 23 ValGluGlyGluGluSerGlnLysLeuProSerArgIleThrCysProGlnGly 42
Db 112 GTTCAAGGTGAAGAACCCAGGAGAACTGCCCTCTGCACGGATCCGCTGTCCCAAGGC 171
Qy 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTyrSerAsn 62
Db 172 TCCAAGGCTATGCTCCACTGTATGCTTGTGTTTGTCCACCAAAATCTCGACAGAT 231
Qy 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 232 GCAGATCTGGCTGCCAGAACGGCCCTCTGAAACCTGGTGTCTGCTCAGTGGGCT 291
Qy 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 292 GAGGATCCTTCGTGCTCCTCGTGAAGACATTTGTTGAACAGCTACTCATAGCTCTGG 351
Qy 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 352 ATTGGGCTCCATGACCCACACAGGACCCGAGCCCAATGGAGAGGTTGGAGTGGAGT 411
Qy 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 412 AGCAGTGTATGTGAATTAATCTTTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCC 471
Qy 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 472 GGCCACTCTGGAGCCTCTCGAAGACACAGCATTTCTGAGGTGGAAGATTAATACTGT 531
Qy 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 532 AATGTGAGGTTACCCCTATGTCTGCAAGTTC 561

RESULT 12
US-09-997-722-149
; Sequence 149, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 149
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; LENGTH: 807
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-722-149

Alignment Scores:
Pred. No.: 2,99e-65 Length: 807
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 12 Gaps: 0

US-09-717-095-2 (1-174) x US-09-997-722-149 (1-807)
QY 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 70 CCATGGCCCTGCCAGTGTATCTTGATGCTGCTTTCCTGCTCATGCTGCTCTCAG 139
QY 23 ValGluGluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 130 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGATCCGCTGTCCCAAAGGC 189
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTyrSerAsn 62
Db 190 TCCAAGCCCTATGCTCCCACTGCTATGCTTGTGTTTTCACCAAAATCCTGGACAGAT 249
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuSerThrGly 82
Db 250 GCAGATCGCCCTGCCAGAGCGCCCTCTGGAAACCTGGTGTCTGTGCTCAGTGGGCT 309
QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 310 GAGGGATCCCTTCGTCTCCCTCGTGAAGAGCATTTGGTAACAGCTACTCATACGCTGG 369
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 370 ATTGGGCTCCATGACCCACACAGGGCACCAGGCCCAATGGAGAGTTGGGAGTGGAGT 429
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 430 AGCAGTGATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCC 489
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 490 GGCCACTGTGCGAGCCCTGTGAGAGACACAGCATTTCTGAGGTGGAAGATTATACTGT 549
QY 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 550 AATGTGAGGTACCCCTATGCTGCAAGTTC 579

RESULT 13
US-09-925-301-171
; Sequence 171, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 171
; LENGTH: 940
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION: (8)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (12)_
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (919)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (935)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (938)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-925-301-171

Alignment Scores:
Pred. No.: 3,75e-65 Length: 940
Score: 572.00 Matches: 98
Percent Similarity: 77.65% Conservative: 34
Best Local Similarity: 57.65% Mismatches: 38
Query Match: 59.71% Indels: 0
DB: 9 Gaps: 0

US-09-717-095-2 (1-174) x US-09-925-301-171 (1-940)
QY 3 ProMetThrLeuCysArgMetSerTyrMetLeuLeuSerCysLeuMetPheLeuSerTyr 22
Db 87 CCATGGCCCTGCCAGTGTATCTTGATGCTGCTTTCCTGCTCATGCTGCTCTCAG 146
QY 23 ValGluGluGluSerGlnLysLysLeuProSerSerArgIleThrCysProGlnGly 42
Db 147 GTTCAAGGTGAAGAACCCAGAGGAACTGCCCTCTGCACGATCCGCTGTCCCAAAGGC 206
QY 43 SerValAlaTyrGlySerTyrCysTyrSerLeuLeuLeuProGlnThrTyrSerAsn 62
Db 207 TCCAAGCCCTATGCTCCCACTGCTATGCTTGTGTTTTCACCAAAATCCTGGACAGAT 266
QY 63 AlaGluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGly 82
Db 267 GCAGATCTGGCTGCCAGAGCGCCCTCTGGAAACCTGGTGTCTGTGCTCAGTGGGCT 326
QY 83 GluIleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTyr 102
Db 327 GAGGGATCCCTTCGTCTCCCTCGTGAAGAGCATTTGGTAACAGCTACTCATACGCTGG 386
QY 103 IleGlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTyrLysTyrSer 122
Db 387 ATTGGGCTCCATGACCCACACAGGGCACCAGGCCCAATGGAGAGTTGGGAGTGGAGT 446
QY 123 SerSerAsnValLeuThrPheTyrAsnTyrGluArgAsnProSerIleAlaAlaAspArg 142
Db 447 AGCAGTGATGTGATGAATTACTTTGTCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCC 506
QY 143 GlyTyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTyrArgAspPheAsnCys 162
Db 507 GGCCACTGTGCGAGCCCTGTGAGAGACACAGCATTTCTGAGGTGGAAGATTATACTGT 566
QY 163 GluAsnGluLeuProTyrIleCysLysPhe 172
Db 567 AATGTGAGGTACCCCTATGCTGCAAGTTC 596

RESULT 14
US-10-028-248A-37
; Sequence 37, Application US/10028248A
; Publication No. US20030235882A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Patturajan, Meera
; APPLICANT: Vernet, Corine
; APPLICANT: Casman, Stacie
; APPLICANT: Malyankar, Uriel
; APPLICANT: Shenoy, Suresh
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; APPLICANT: Spytek, Kimberly
; APPLICANT: Gangolli, Esha
; APPLICANT: Miller, Charles
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Smithson, Glennda
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Liu, Xiaohong
; APPLICANT: Colman, Steven
; APPLICANT: Tchernev, Velizar
; APPLICANT: Si, Jingsheng
; APPLICANT: Edinger, Shlomit
; APPLICANT: Stone, David
; APPLICANT: Sciore, Paul
; APPLICANT: Millet, Isabelle
; APPLICANT: Rothenberg, Mark
; TITLE OF INVENTION: No. US20030235882A1el Nucleic Acids and Polypeptides and Methods
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 21402-222
; CURRENT APPLICATION NUMBER: US/10/028,248A
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/256619
; PRIOR FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 60/262959
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/272408
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/285189
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 60/308039
; PRIOR FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 60/311266
; PRIOR FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 211
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 530
; TYPE: DNA
; ORGANISM: Homo sapiens
; PS-10-028-248A-37

```

QY 104 GlyLeuHisaspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSer 121
Db 303 GGGCTCATGACCCCAACACAGGGGACCGAGCCCAATGGAGAAGGTTGGAGTGGAGTAGC 362
QY 124 SerAsnValLeuThrPheTyrAsnTyrTyrGluArgAsnProSerIleAlaAlaaspArgGly 143
Db 363 AGTGATGTGANGAATTACTTTGCATGGGAGAGAATCCCTCCACCATTCTCAAGCCCCGCGC 422
QY 144 TyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGlu 163
Db 423 CACTGTGCGAGCCGTGCGAAGAAGCACAGCAATTTCTGAGGTGGAAAGATTATAACTGTAA 482
QY 164 AsnGluLeuProTyrIleCysLysPheLys 173
Db 483 GTGAGGTACCCTATGTCTGCAAGTTCAA 512

RESULT 15

US-10-107-782-37

; Sequence 37, Application US/10107782

; Publication No. US20040018970A1

; GENERAL INFORMATION:

; APPLICANT: Boldog, Ferenc,

; APPLICANT: Casman, Stacie

; APPLICANT: Colman, Steve,

; APPLICANT: Edinger, Shlomit,

; APPLICANT: Gangolli, Esha,

; APPLICANT: Kekuda, Ramesh,

; APPLICANT: Li, Li,

; APPLICANT: Liu, Xiaohong,

; APPLICANT: Malyankar, Uriel,

; APPLICANT: Miller, Charles,

; APPLICANT: Millet, Isabelle,

; APPLICANT: Patturajan, Meera,

; APPLICANT: Rothenberg, Mark,

; APPLICANT: Sciore, Paul,

; APPLICANT: Shenoy, Suresh,

; APPLICANT: Shimkets, Richard,

; APPLICANT: Si, Jingsheng,

; APPLICANT: Smithson, Glennnda,

; APPLICANT: Spytek, Kimberly,

; APPLICANT: Stone, David,

; APPLICANT: Taupier, Raymond, jr.,

; APPLICANT: Tchernev, Velizar,

; APPLICANT: Vernet, Corine,

; APPLICANT: Zerkhusen, Brian

; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES AND METHODS OF USE

; FILE REFERENCE: 21402-222CIP

; CURRENT APPLICATION NUMBER: US/10/107,782

; CURRENT FILING DATE: 2002-03-27

; PRIOR APPLICATION NUMBER: 10/028,248

; PRIOR FILING DATE: 2001-12-19

; PRIOR APPLICATION NUMBER: 60/256,619

; PRIOR FILING DATE: 2000-12-19

; PRIOR APPLICATION NUMBER: 60/262,959

; PRIOR FILING DATE: 2001-01-19

; PRIOR APPLICATION NUMBER: 60/272,408

; PRIOR FILING DATE: 2001-02-28

; PRIOR APPLICATION NUMBER: 60/285,189

; PRIOR FILING DATE: 2001-04-20

; PRIOR APPLICATION NUMBER: 60/308,039

; PRIOR FILING DATE: 2001-07-26

; PRIOR APPLICATION NUMBER: 60/311,266

; PRIOR FILING DATE: 2001-08-09

; PRIOR APPLICATION NUMBER: 60/279,344

; PRIOR FILING DATE: 2001-03-28

; NUMBER OF SEQ ID NOS: 215

; SOFTWARE: CuraSeq1st version 0.1

; SEQ ID NO 37

; LENGTH: 530

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: CDS

LOCATION: (3)..(527)
US-10-107-782-37

Alignment Scores:

Pred. No.:	2.93e-65	Length:	530
Score:	570.00	Matches:	98
Percent Similarity:	77.65%	Conservative:	34
Best Local Similarity:	57.65%	Mismatches:	38
Query Match:	59.50%	Indels:	0
DB:	16	Gaps:	0

US-09-717-095-2 (1-174) x US-10-107-782-37 (1-530)

QY	4	MetThrLeuCysArgMetSerTrpMetLeuLeuSerCysLeuMetPheLeuSerTrpVal	23
DB	3	ATGGCCCTGCCAAGTGATCTTGATGCTCTTCCTGCTCATGCTGCTGTCTCAGGTT	62
QY	24	GluGlyGluGluSerGlnLysLeuProSerSerArgIleThrCysProGlnGlySer	43
DB	63	CARAGGTGAAGAACCCAGAGGGAACCTGCTGACGGATCCGCTGCCCAAGGCTCC	122
QY	44	ValAlaTyrGlySerTyrCysTyrSerLeuIleLeuIleProGlnThrTrpSerAsnAla	63
DB	123	AAGCCCTATGGCTCCCACTGCTATGCTTGTCTTGTACCAAAATCCTGGACAGATGCA	182
QY	64	GluLeuSerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGlu	83
DB	183	GATCTGGCCTGCCAGAAGCGCCCTCTGGAAACCTGGTGCTCTGCTCAGTGGGCTGAG	242
QY	84	IleThrPheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrpIle	103
DB	243	GGATCCTTCGTGCTCCTCCCTGGTGAAGAGCATTTGGTAACAGCTACTCATACGTCTGGATT	302
QY	104	GlyLeuHisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSer	123
DB	303	GGGCTCCATGACCCACACAGGCGCACCGACCCCAATGGAGAAGTTGGGAGTGGAGTAGC	362
QY	124	SerAsnValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGly	143
DB	363	AGTGATGTGATGAATTACTTTGCATGGAGAGAAATCCCTCCACCATCTCAAGCCCGGC	422
QY	144	TyrCysAlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGlu	163
DB	423	CACGTGCGAGCCTGTCGAGAGCACAGCATTTCTGAGGTGGAAGATTATACTGTAAT	482
QY	164	AsnGluLeuProTyrIleCysLysPheLys	173
DB	483	GTGAGGTACCTATGCTGCAAGTTCAA	512

Search completed: August 8, 2004, 06:57:16
Job time : 442 secs